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Preparation for the Army—Sandhurst, Woolwich, or Militia—and Civil Service.

HOLLYWOOD, FOREST HILL, S.E., KENT.

Mr. H. R. CLINTON, M.A., F.R. Hist. S.,

*Author of the historical manuals for Sandhurst and Woolwich candidates,
"From Crécy to Assye,"* "The Peninsular War and Wellington's
Campaigns in France and Belgium,"†*

Prepares about Twelve Pupils for the above examinations. He is assisted by a staff of thoroughly efficient and experienced masters, graduates of English and Foreign Universities. The small number of Pupils admits of the tuition being really individual.

* "To students of military history it will be a most useful work."—*Letter from Lord Wolseley*. "A unique feature in the work is that the plans of Crécy, Poitiers, and Agincourt are contributed by French collaborators. It also contains, by permission of Lord Hartington, Clive's original despatch on the battle of Plassey. Earl Stanhope has supplied a copy of his ancestor's victory at Almenara; and there are some new 'ana' *à propos* of Assye."—*United Service Gazette*.—"Ought to be in the hands of every student of military history."—*Broad Arrow*.—"Clear and concise."—*Daily News*.—"Especially valuable for the new facts it supplies."—*Military Budget*.—"Sketched in clear detail, with admirable conciseness, and with a graphic power of portrayal."—*Scotsman*.—"Mr. Clinton shows a capacity for research sufficient to establish a reputation in any other department of history."—*Academy*.

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During an experience of twelve years MR. CLINTON has been very successful with his pupils; and only one has failed on his final competitive trial.

A list of Pupils who have passed in recent Examinations will be forwarded on application.

The House occupies a commanding and salubrious position, on the Sydenham Hills, sufficiently removed from Town to avoid the temptations of London life, and sufficiently near to secure the advantages of London masters.

Each Pupil has a separate bedroom.

Pupils are received by the Month or Term. There are three Terms, of about three months each, the Vacations being at Christmas and after the Summer Army Examinations; but during the Vacations arrangements can be made for the tuition and board of Candidates who desire to continue their studies.

The Fee is Forty-five Pounds per Term, or Sixteen Guineas per Month. It includes tuition in all the ordinary subjects (except, if required, Freehand Drawing—One Guinea per Term), and Board; the only extras being Laundry, Books (if supplied), Stationery, and Church Sitting.

HOLLYWOOD,

FOREST HILL, S.E., KENT.

KING'S COLLEGE, LONDON.

The Theological Department.

NEW STUDENTS are admitted in October, after Christmas, and at Easter.

Classes are held both in the Morning and Evening.

The College Theological Testament can be obtained by—

A. Graduates in Arts of any British University, in Three Terms.

B. Associates of the General Literature Department of King's College, in Six Terms.

C. All duly qualified Persons of 21 years of age, in Six Terms.

There are also Preparatory Classes for those wishing to pass the Entrance Examination.

Department of General Literature and Science.

NEW STUDENTS will be admitted in October, after Christmas, and at Easter.

This Department is intended to prepare Students (1) for the Universities, Holy Orders, the Bar, and other Professions; (2) for the Indian Civil Service and other Public Examinations.

Department of Engineering and Applied Sciences.

NEW STUDENTS will be admitted in October, after Christmas, and at Easter.

The course of study provides practical Education for those who intend to engage in Engineering, Surveying, Architecture, Telegraphy, and the higher branches of Chemical and Manufacturing Arts.

This Department has attached to it a Workshop; also Chemical, Physical, and Photographic Laboratories.

The Evening Classes.

The following CLASSES will RE-OPEN in October and after Christmas:—

Divinity, Greek Testament, Latin, Greek, Ancient History, French, German Language, Hebrew, Italian, Spanish, Portuguese, and English History, Geography, Arithmetic, Writing, Mathematics, Commerce, Drawing, Chemistry, Agriculture, Metallurgy, Fine Arts, Practical Chemistry, Mechanics, Physiology, Experimental and Applied Physics, Botany, Zoology, Logic, Political Economy, Mineralogy, Geology, Law, Harmony, and Public Speaking.

Medical Department.

A Special Course of Instruction for the Preliminary Scientific Examination at the University of London, including Inorganic Chemistry, Practical Chemistry, Practical Biology, Experimental Physics, Zoology, and Botany, has been established under the Professors of these subjects and a special Tutor.

The following ENTRANCE SCHOLARSHIPS are given annually:—

Two on the Wameford Foundation—viz., two of £75 for previous Education in General Literature and Science.

Two of the Clothworkers' Company, of £100 and £50, for proficiency in Science only.

During the ensuing Session there will be awarded five Medical Scholarships—viz., one of £80, one of £30, and three of £20, for professional proficiency; one for Chemistry, of £40; one of £50, for Resident Students only; and two Sambrooke Registrarships of £50 each.

Endowed Prizes of the value of 50 guineas, and College Prizes of the value of £60, are awarded annually.

The School.

NEW PUPILS will be admitted in September, after Christmas, and at Easter.

There are Four Divisions:—

1. Upper Classical School, intended to prepare Pupils for the Universities, for the Theological, General Literature, and Medical Departments of the College, and for the Learned Professions.

2. Upper Modern School, intended to prepare Pupils for General and Mercantile Pursuits, for the Department of Engineering in the College, and for the Military Academies.

3. The Middle School comprises several Classes, each with its Classical and Modern Division, for Pupils who are too old for the Lower, but not sufficiently advanced for the Upper School.

4. Lower School.—This Division includes Boys over eight years of age, and is intended to prepare them to enter the Senior Divisions.

For the Prospectus of any of the above Departments, apply, personally or by post-card, to

J. W. CUNNINGHAM, Esq., Secretary, King's College, London.

CORRIGENDA AND OCCURRENCES DURING PRINTING.

Changes in Head Masterships, and a few emendations and typographical errors which have occurred during the passing of the numerous sheets of this work through the press, will be found duly noted and corrected at the end of the Introductory chapter. The author would ask those readers who purpose using this work for referential purposes, to kindly transfer with a pen, to the respective pages, the few corrections therein given, and he will consider it a gratifying recognition of his labours if SUBSCRIBERS would allow this book to be seen by their friends. Any written expression of opinion, from observant readers, as to the usefulness of the work in its present form, will be most thankfully received, and practical suggestions, with a view to improvement in future editions, will confer a still greater obligation.

Dec. 11th, 1883.

CHEL TEN HAM HOUSE, BOURNEMOUTH.

MR. ALFRED F. ROPER, M.A. (Class Hon.) of Keble College, Oxford, receives a limited number of Pupils to prepare for the Public Schools, Universities, the Britannia and other Examinations.

Mr. Roper is assisted by a Resident Tutor and a Resident German Master (for Music and Languages), besides well-qualified Visiting Masters.

The staff of teachers is large in proportion to the number of boys, which permits of those who are backward or in delicate health receiving much individual help. Care is taken to interest all boys in their work, and to make it thorough.

Particular attention is paid to the study of French, and boys can be otherwise specially prepared, if wished, in modern subjects.

Hours of work are from 9.30 to 12.30, 3.30 to 5.30, and 7 to 8. Wednesdays and Saturdays are half-holidays.

The House stands on the East Cliff, in the best part of Bournemouth. It is close to the sea, but well sheltered by the pines. The soil is gravel and sand.

The household management is superintended by Mrs. Roper; there is also a competent Matron. The bedrooms are large and airy, and the arrangements thoroughly comfortable.

The well known mild but bracing climate of Bournemouth, and the beneficial effects of the pine trees, render it a very desirable place for boys in delicate health. The situation and general arrangements of the House are well adapted to meet the requirements of those who are not strong, and great care is taken of them, both in School and out.

There is a Playground attached to the House, and a large covered Gymnasium. A Drill-Sergeant attends regularly. All healthy amusements are encouraged; Mr. Roper, or those helping him, always joining with the boys in their games.

There is good bathing in the sea close by, and swimming lessons may be had. The House is near the Church.

The year is divided into Three Terms, according to the Public School System. A Term's Notice, or Fee, required previous to the removal of a Pupil.

FEES, PAYABLE EACH TERM IN ADVANCE.

For boys under twelve	.	.	.	.	.	80 guineas a year.
over twelve	.	.	.	.	.	100 „ „

The extras are Music, Drawing, and the usual personal expenses.

A reduction in terms is made for brothers in the house at the same time.

Arrangements may be made for Indian boys, or others, if wished, to stay throughout the holidays.

E. LADY,
H. J. PALMER

OUR
SCHOOLS
AND
COLLEGES.

VOL. I.
FOR BOYS.

1883
AND
1884.

"Let us live for our children."

FRÖEBEL.

"Jucundi acti labores."

CICERO.

*"Des travaux accomplis au prix d'un long labeur
Notre cœur satisfait savoure la douceur."*

A. LABBEY.

RAITHBY, FITZJOHN'S AVENUE, HAMPSTEAD

(Late 84 and 86, King Henry's Road, N.W.)

Principals—MR. J. ASHTON, M.A.,

(Fifth Wrangler) Camb.;

Fellow of University College, London, and late Assistant Examiner in the University of London; and

MR. A. T. PYNE, B.A.,

(Mathematical Honours), Camb.,

Prepare Candidates for the Indian Civil Service, Woolwich, Sandhurst, the Indian Forests, University Scholarships, and other Competitive Examinations.

There is a large staff of excellent masters, and no pains are spared to ensure a successful result.

At the last Examination for the Indian Forests, Mr. Ashton sent up two Candidates, both of whom were successful, one securing the First place in the list and the other the Sixth place; and at the last Examination for the Indian Civil Service, one of his pupils passed 26th. Numerous pupils have passed for Woolwich, Sandhurst, and Cooper's Hill.

Mr. Ashton having bought the above freehold property (the healthiest spot near London), has spared no trouble or expense in making it fit for the reception of pupils; it is easy of access, being very near four Railway Stations, and is but ten minutes' walk from Hampstead Heath.

Raithby contains twenty-four bedrooms and eight reception rooms, and stands in upwards of half an acre of land. No other London tutor can offer such advantages to resident pupils; illness is unknown.

There are every facilities for teaching science.

Electrical and Chemical Laboratories, and a collection of Geological Specimens.

The sons of the undermentioned have been recent pupils of Mr. Ashton.

The Marquis of Londonderry,

Earl Shannon,

Lord Napier of Magdala,

Lord Walter Scott,

Baron de Robeck,

Col. Chesney,

General Agnew,

General Elrington, C.B.,

Major-General the Honorable E. T. Gage,

Admiral Sir John Dalrymple-Hay, Bart., M.P., etc.

Also the nephew of the Marquis of Sligo.

The Fees are inclusive, and are payable in advance; they are fixed at the rate of Seventy Pounds for the term of twelve weeks for Resident Pupils, and at the rate of Thirty-five Pounds for Non-Resident Pupils. When the term happens to be longer a proportionate fee is charged. Pupils can enter at any time, and instruction is given in the holidays when necessary.

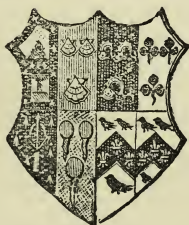
The Michaelmas term begins about Sept. 1st; the Lent term early in January; and the Easter term about the middle of April.

Prospectuses forwarded on application, or they may be obtained at Hewetson's Library, High Street, Hampstead.

OUR SCHOOLS AND COLLEGES.

VOL. I.
FOR BOYS.

BEING
A COMPLETE COMPENDIUM
OF PRACTICAL INFORMATION UPON ALL SUBJECTS CONNECTED WITH
EDUCATION AND EXAMINATION
RECOGNISED IN THE UNITED KINGDOM AT THE PRESENT DAY.
COLLATED FROM ORIGINAL SOURCES.



BY
F. S. DUMARESQ DE CARTERET-BISSON,
CAPTAIN 1ST REGT., R.J.L.I.,

FELLOW OF THE ROYAL GEOGRAPHICAL SOCIETY OF LONDON,
AUTHOR AND COMPILER OF THE "RECORDS OF THE OXFORD AND
CAMBRIDGE CERTIFICATE AND LOCAL EXAMINATIONS,"
EDITOR OF THE "DUMARESQ EDITION" OF SHAKESPEARE'S PLAYS
[ANNOTATED FOR SCHOOLS AND COLLEGES, ETC., ETC.]

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SOUTH KENSINGTON PREPARATORY SCHOOL,

FOR THE

Sons of Noblemen and Gentlemen,

35, HEREFORD SQUARE, GLOUCESTER ROAD,
SOUTH KENSINGTON,
LONDON, S.W.

PRINCIPAL - - A. S. B. SCOTT,
Assisted by Masters and Governesses.

THIS School was established in 1867 for the purpose of providing for the sons of noblemen and gentlemen thorough training and instruction on the soundest educational principles, thereby enabling them to take a high position in any of the great public schools.

The School is situated at the corner of Hereford Square and Gloucester Road, South Kensington. It stands on a deep bed of gravel in one of the healthiest parts of London, and within two minutes' walk of the Metropolitan Station, Gloucester Road. It is within three or four minutes' walk of the Horticultural Gardens, the South Kensington, Natural History, and India Museums, all of which are favourite resorts of the boys in recreation hours. Kensington Gardens are also within a few minutes' walk of the School, and to these the boys have access for play.

During play and recreation hours the boys are under the supervision of a master.

The class-rooms are provided with diagrams, models, specimens of plants, minerals, and objects of natural history, as well as with the most highly approved educational apparatus.

Special care is taken not to over-tax or weary young pupils by long and uninviting lessons, but on the contrary to present every subject to the mind in its most attractive form, in order to awaken in the pupils a lively and intelligent interest in their studies, and in all that is passing around them.

But the chief feature of the School is the thoroughness of the system adopted for GROUNDING the pupils in each branch of instruction. By this method the more advanced course is rendered comparatively easy, and the progress much more rapid and pleasant than usual.

Another beneficial result of the system pursued is that the pupils are singularly happy, and rarely fail to take a lively and increasing interest in their studies.

The youngest pupils are taught by an experienced governess, under the direct and constant supervision of the Principal.

In order that pupils may enjoy all the comforts of a home, and that strict individual attention may be given to their religious, moral, and intellectual training, as well as to their health and physical education, the numbers received at the School are strictly limited.

Written and *viva voce* examinations by public examiners take place at the end of the term; and the papers, as well as reports of the results of the examinations and of the work done during the term, are sent home for the inspection of parents. No pupil is retained at the School whose conduct and progress are considered unsatisfactory.

Particular attention is paid to the development of the varied powers of the mind, as well as the emotional nature, in order to lay the foundation of those principles which will enable them in after life to occupy the positions of Christians and gentlemen.

The course of instruction includes all English subjects, together with Latin, Greek, French, and Mathematics. The extra subjects are German, Music, Drawing, Drilling, Gymnastics, and Riding.

{	Boarders	25 to 35 guineas	per term, inclusive.		
	Day Boarders . .	10 „ 14 „ „ „			
	Day Pupils . . .	4 „ 10 „ „ „			

The year is divided into Three Terms of about thirteen weeks each.

A TERM'S NOTICE, or payment of the fees, is required previous to the removal of a pupil.

REFERENCES TO PARENTS OF PUPILS.

Lieut.-Gen. the Hon. Sir Alex. Hamilton
Gordon, K.C.B., M.P.
The Hon. Lady Gordon.
Lieut.-Gen. Sir Henry Norman.
Sir William Ramsay Fairfax, Bart.
Lieut.-Gen. Sir George Leith Buchanan, Bart.
H. Bessemer, Esq.
Major Elliott, R.A.

F. W. Maclean, Esq., Barrister-at-Law.
Lady Murray.
Rev. J. P. Waldo.
Capt. Compton Turner, R.E.
Arthur Weigall, Esq.
Andrew Stephen, Esq., M.D.
Admiral Fellowes.
Sir Henry Bessemer.

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"OUR SCHOOLS AND COLLEGES."

VOL. I. FOR BOYS.

CONTAINING FULL PARTICULARS OF ALL

OUR UNIVERSITIES,

AND OF

OUR GREAT PUBLIC SCHOOLS;

OUR MILITARY AND NAVAL SCHOOLS;

OUR CIVIL SERVICE EXAMINATIONS; OUR THEOLOGICAL COLLEGES;

OUR INNS OF COURTS AND OTHER LEGAL EXAMINATIONS;

OUR TECHNICAL SCHOOLS;

OUR SCHOOLS OF MEDICINE; OUR SCHOOLS OF MUSIC;

OUR SCHOOLS OF SCIENCE AND FINE ARTS;

AND OF ALL

OUR ENDOWED GRAMMAR, COLLEGIATE,

PROPRIETARY, AND PRIVATE HIGH AND MIDDLE-CLASS

SCHOOLS IN THE KINGDOM;

TOGETHER WITH DESCRIPTIVE

PARTICULARS OF OTHER INSTITUTIONS,

WHERE PUPILS ARE SPECIALLY PREPARED FOR THE

MILITARY, NAVAL, CIVIL SERVICE, CLERICAL, MEDICAL,

AND LEGAL PROFESSIONS.

BY

CAPTAIN

F. S. DUMARESQ DE CARTERET-BISSON,

FELLOW OF THE ROYAL GEOGRAPHICAL SOCIETY OF LONDON, AUTHOR AND COMPILER
OF THE "RECORDS OF THE OXFORD AND CAMBRIDGE CERTIFICATE AND

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DEDICATION.

To

HIS ROYAL HIGHNESS

THE DUKE OF ALBANY,

K.G., K.T., G.C.S.I., P.C., D.C.L.,

OUR THOUGHTFUL AND CULTIVATED STUDENT PRINCE,
THE UNTIRING PROMOTER OF EVERY EDUCATIONAL
MOVEMENT IN THE UNITED KINGDOM,

“Whose eloquence, not like those rills from a height,
That sparkle and foam, and in vapour are o'er,
But a current that works out its way to the light,
Through the filtering recesses of thought and of lore,”

THIS, THE EIGHTH EDITION, OF
“OUR SCHOOLS AND COLLEGES”

IS DEDICATED, BY SPECIAL PERMISSION,
WITH PROFOUND FEELINGS OF LOYAL AND
FRATERNAL ESTEEM,

BY

F. S. DUMARESQ DE CARTERET-BISSON,

CAPTAIN

1ST REGT. ROYAL JERSEY LIGHT INFANTRY.



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THURLSTONE HOUSE,

118, LANSDOWNE PLACE, BRIGHTON.

MRS. H. W. SMYTHE,

Widow of the REV. HENRY W. SMYTHE, B.A., Oxon,

And her Daughter (late Pupil of Queen's College, Harley Street, London),

Receive a limited number of the Daughters of Gentlemen to educate under their personal superintendence, assisted by competent Governesses and Professors of eminence.

Mrs. SMYTHE endeavours to unite home influence and comfort with strict attention to education.

TERMS.

A HUNDRED GUINEAS PER ANNUM.

JUNIOR PUPILS, SEVENTY AND EIGHTY GUINEAS PER ANNUM.

These Terms comprehend English in all its branches, and the French Language—Laundress, two Guineas, and a seat at Church, half a Guinea per Term.

The notice of one term, or payment of the same, is required previous to the removal of a Pupil, and no deduction is made for occasional absence.

The year is divided into Three Terms—Lent Term, ending four days before Easter; Easter Term, extending to the end of July; and Michaelmas Term, ending five days before Christmas.

Accounts to be paid at the close of each Term.

The following PROFESSORS attend on the usual terms:

Signor Bianchi	Pianoforte and Harmony.
Signor Conti	} Singing.
Mr. Frank Bodda	
Mr. Alfred King, Mus. Bac.	
Mr. John Thomas, Harpist to Her Majesty	Harp.
Mr. A. Earp	{ Landscape Drawing and Perspective.
	{ Figure Drawing.
Signora Venosta	Italian.
Fraulein Menster	German.
Rev. W. Bentley, M.A.	Latin.
Madame d'Egville Michau	Dancing and Deportment.
Mr. V. Marmery	{ Lecturer on Literature.
	{ „ on Physical Science.
Rev. W. Bentley, M.A.	Lecturer on Natural Philosophy.
Mr. Watson	Drilling.

Reference is kindly permitted to

The Right Rev. W. D. Maclagan, D.D., Lord Bishop of Lichfield.
 The Rev. John Robbins, D.D., Vicar of St. Peter's, Notting Hill.
 The Rev. Edward Ker Gray, D.D., Vicar of St. Michael and All Angels', North.
 The Rev. Thomas Arundell, M.A., Vicar of Hayton, York. [Kensington
 The Dowager Lady Dixie, Bosworth Park, Leicestershire.
 Lady Blakiston, Sandybrook Hall, Derbyshire.
 The Viscountess de Chancelleiros, Quinto do Rocio, near Lisbon.
 Lady Duke, Laughton Lodge, Laughton, Sussex.

Note.—Captain F. S. Dumaresq de Carteret-Bisson specially recommends this select School as offering all the advantages of a superior home with higher education.

P R E F A C E .



MORE than ten years have passed away since "Our Schools and Colleges" made its first appeal to public favour. Between that period and the present time seven successive editions have been published, and the work has grown into such proportions that it has now expanded into a book comprising nearly 1,300 pages of closely-printed matter.

In this much enlarged edition we have endeavoured to supply all the necessary data respecting the newly-founded Institutions known as the "Royal University of Ireland," "Victoria University, Manchester," the "Royal College of Music," the "City and Guilds of London Institute for the Advancement of Technical Education," "Intermediate Education in Ireland," and the scarcely yet founded Colleges of "Bangor" and "Cardiff," in North and South Wales.

These and other educational institutions of recent creation will be found fully represented in this volume, and an interesting chapter is also introduced on "Continental Education."

Many other subjects of importance bearing upon educational progress in this country have been carefully introduced and adequately treated. To accomplish this, requisite space has been secured, by rejecting from the pages of the present edition such matter as changes have rendered superfluous or irrelevant, or by curtailing what, upon a closer examination, proved to be of second-

ary moment. The advantage gained by this elimination has been utilised for a fuller development of those subjects which have of late become of increased interest to both teacher and student.

With regard to the re-classification of our great Institutions termed "Public Schools," we hope that by incorporating, as we have now done, twenty-four other large schools in that special section of the work which has hitherto been devoted exclusively to the "*nine ancient schools*," that we have discharged what we hold to be a duty towards such establishments as Marlborough, Clifton, Wellington, Cheltenham, and Institutions of similar standing; which, although of comparatively recent origin, have already nobly won their way to popularity, having achieved the highest educational position for physical, moral, and intellectual training.

In this change of classification we are glad to find that our views have been fully supported by the recognised authorities at the leading Universities, who have likewise advanced these great schools of the "Victorian epoch," and several others of equal importance, to the high level of Eton and Winchester.

We are quite prepared to find some objections to this new system of classification, and possibly from a few Head Masters of the leading reorganised Grammar Schools, which, to do them justice, are now playing an influential part in the education of the upper and middle classes. However this may be, we have been guided, in this rearrangement of the great Schools, by what appeared to be the truest and the most accepted popular tests—namely, those of numbers and general importance,

as well as by educational results, or the dates of respective foundations.

We have, after due consideration, declined to follow, in this section, the principle of classification adopted by the Endowed Schools' Commissioners—for the distinctions they use of "*first grade*," "*second grade*," and "*third grade*" Schools are such as appear, in the eyes of many, to be occasionally arbitrary, and invariably invidious. We have, therefore, preferred to follow the present method of classifying our great schools. The term "*grade*," however, is still applied to nearly all the other endowed schools which fall into the common category of middle-class schools, and these are placed in topographical order among the private schools in Part VIII., giving, as in most cases has been hitherto done, the full curriculum of studies, the fees and exhibitions, scholarships and bursaries attached, as well as other items of necessary information, to enable the inquirer to form an adequate conception as to the real character, standing, and educational advantages of those schools.

The subject of the Higher Education of Girls and Women has been, for some time past, a theme of such deep interest, that it was the Author's wish to publish, simultaneously with this volume, a companion work uniform with it, and treating exhaustively upon the existing systems and institutions for the education of girls and women. The labour necessary in the preparation of so important a book is the chief cause of the prolonged delay in the publication of this edition.

It is with unfeigned pleasure we announce that this educational work has received the gracious approval of

Her Majesty Queen Victoria, H.R.H. the Prince of Wales, and of several other members of the Royal Family, including H.R.H. the Duke of Cambridge.

A further flattering evidence of this recognition is to be found in the fact that their Royal Highnesses, the Duke and Duchess of Albany, have graciously accepted the dedication of these volumes; a distinction which is not without marked significance when we consider how great is the support uniformly bestowed by our Student Prince upon every educational movement in this country. Testimonies to the value of "Our Schools and Colleges," as a work on education, have also been received from Cabinet Ministers, from Members of Parliament of both political parties, from Archbishops and Bishops, from the Head Masters of our great Public Schools, and from other personages distinguished in politics, literature, art, and science, many of whom considered that such an educational work was a desideratum, and that the void in this particular field of literature had been at length adequately filled.

As a record of the usefulness of this work, and especially as an illustration of its far-reaching influence, it may be opportune to relate the following incident, which at least has the peculiar interest of novelty, and which may possibly be quoted as a literary fact by writers on educational subjects in the future. At the opening of the exhibition of the Royal Academy in 1883, the author incidentally met a highly-intelligent Negro, who informed him that having carefully studied an early edition of this work, whilst still at home in Africa, he was induced to leave that Continent in order to pursue his studies in

England ; and that, long prior to his arrival in Liverpool, he had, by means of this book, made himself thoroughly acquainted with all our Institutions and systems of education. This African gentleman is now a graduate of University College, Oxford, and a Barrister-at-law of the Inner Temple, being at present in practice in this country.

With some pardonable degree of pride, therefore, "Our Schools and Colleges" may justly claim the merit of having introduced the *first* Negro graduate of the University of Oxford, and certainly the *first* Negro who has ever pleaded at the Bar of England.

Numerous subscribers of rank and influence in other distant regions of the globe, have also made direct application to the author for copies of this work, in the concluding pages of which will be found several Appendices containing authenticated particulars of a few selected private schools for boys and young ladies in England, France, Germany, Belgium, and Switzerland. Such information cannot fail to be of considerable service to parents and guardians who contemplate sending their children or wards to efficient schools at home or on the Continent.

With the satisfactory results which have attended the publication of this work in the past, it may reasonably be anticipated that the present edition will meet with the same favour and encouragement from a discerning public.

F. S. DUMARESQU DE CARTERET-BISSON.

52, SUTHERLAND GARDENS,

ST. PETER'S PARK, W., *November 1st, 1883.*



INTRODUCTORY CHAPTER.

NO one can compare, or rather contrast, the character and extent of English education at the present time, with its character and extent twenty-five years ago, without being struck with the silent and significant revolution which has passed over it, and completely transformed it. This change has affected every department of our education. New studies, new methods of instruction, new facilities, and new rewards for training, have come to the front, and led on the educational progress of the age to grander and greater issues than have ever before been realized in the history of the English people. A quarter of a century ago, the higher as well as the lower education of the country was equally in a deplorable and defective condition. The most venerable seats of higher education—the ancient Universities—were at this period closed, on denominational grounds, against the great bulk of the English people; the curriculum then pursued excluded studies imperatively demanded by a scientific and progressive age, and the growing requirements of a great commercial people. At that time, the most profitable and becoming rewards of learning were monopolised at our Universities, in the majority of cases to the exclusion of the more meritorious, by men who happened to be brought up at a particular school, to be born in a particular county, or to be akin, or perhaps named after the name of a benefactor or founder of a College. All these “barriers” to progress have been broken down, and a free career has been opened for industry, character, and talent, to the highest honours, and to the most honourable and lucrative positions in Oxford and Cambridge, irrespective of social rank or denominational profession.

Nor is this all. To the narrow and meagre range of the old

curriculum of these Universities has succeeded a course of studies, broader and deeper, and incomparably more worthy of the name and the professed scope of a University, which, as the term itself implies, should be a seat of *Universal* learning. The student at Oxford and Cambridge in these days can study with advantage any language, any science, any literature, and almost any art known to civilised humanity; and it is well that it is so, for it should never be forgotten anywhere, and least of all at the highest seats of English education, that when the range of education is narrow, some of the minds submitted to its discipline will necessarily acquire no education at all, and this purely from the innate want of aptitude and capacity for such studies; for it is an axiom in education, which admits of no dispute, that there are some studies which exercise and educate with advantage all the faculties of some minds, and others which educate some of the faculties of all minds, while the old almost exclusive study of classics, as at Oxford, and of mathematics at Cambridge, was found utterly incapable of educating the faculties of some minds. We must also chronicle amongst the changes for the better the increased facilities which Oxford and Cambridge have now furnished to students, by throwing open to public competition its once closed Scholarships and Exhibitions, by the admission to the privileges of a University career of non-attached students, and by the magnificent foundation of Keble College, which is every way worthy of the saintly scholar and the scholarly saint whose honoured name it bears, and is well doing a great educational work for those whose circumstances impose on them the very strictest economy in their University career.

Each of the two great Universities has extended its functions as an "Alma Mater" to all the sons and daughters of England by the establishment of local examinations, and, by thus test-

ing the character of the education of our middle-class schools, has raised its quality and given an onward impulse to middle-class education throughout the country, by at once stimulating a more active competition amongst our schoolmasters, and a more generous and wholesome rivalry amongst their pupils. Nor have our great Public Schools been uninfluenced by the spirit of the age, following step by step, as they have done, the changes adopted by the Universities in the enlargement of their curriculum. The Latin and Greek languages are no longer the "be all and the end all" of the teaching of our great schools, which now find an appropriate place for, and foster all branches of, learning and science of a real educational value to the faculties they profess to train and discipline. Twenty years ago it was notorious, that a large proportion of boys sent to our Public Schools learned nothing but idleness and bad habits, simply because there was nothing taught that they could learn, while for the "little Latin and less Greek" they had "little talent and less taste." It would however, on the contrary, be almost impossible at the present time for any boy at a Public School, who has any faculties at all, not to find some study or pursuit which will exercise and educate those faculties to the advantage of the student himself, as well as to the interest of society.

It will not be necessary to enter into particulars as to the great elementary educational work now going on under the direction of our School Boards, which has been in active operation for the past few years in every district and town in the kingdom, effectually reaching the hearths and homes of all the working classes of this country; nor is this educational progress by any means confined to our own country—it is spreading far and near; at the present moment an amazing mental revolution is in operation across

the Channel, greatly affecting the national elementary culture of the people; for in the recent budget of the French Republic, no less a sum than four million pounds sterling figures therein for the purpose of building twenty thousand good school-houses, to be erected at once in various parts of France, and it is proposed to make the popular instruction of the future compulsory and gratuitous. A law is also in preparation for the erection and endowment of several Colleges, in order to secure the formation of a better class of popular teachers; and the appointment of the schoolmasters, which has hitherto been in the hands of the Prefects, is to be transferred to the Rectors of the Academies. There are fifteen of these administrators of instruction, all nominees of the Government, and they reside in the different departments of France, and constitute the heads of the University of France. These Rectors will be called upon to nominate no fewer than thirty-six thousand elementary teachers, being an average of about two thousand two hundred each, a truly appalling amount of educational patronage. The enormous significance of this bold and recent educational legislation, with its certain influences on the future of France, cannot be easily estimated, for it will place a high degree of culture within the reach of every French citizen.

These changes are evidently the outcome of two kindred causes—a clearer and fuller insight into the truer principles of education, in relation to the imperative necessities of an age remarkable, above and beyond all others, for its progressive character; and further, the privilege of competitive examinations adopted so largely, and so liberally, by the successive Governments of this Empire in the selection of officials in the Army and Navy, as well as for the Civil Services of the country. The old *régime* of patronage has passed away, and we trust for ever, to make room for the principle of selection on the sole ground

of merit, so as to put "the right man in the right place," and secure to the country the services of those most competent to advance her best interests. Though the system of competitive examinations has worked well, in every department into which it has been introduced, and has won for itself the approval of the nation at large, it is still not without opposition and objections in some quarters. We are frequently told that a competitive system would have deprived the English Army of the services of a Duke of Wellington, and the Indian Civil Service of the capacities of a Clive; but what right, may we venture to ask, has anyone to assume that either Clive or Wellington would have failed in any test of open competition, possessed as they were of all the essential qualities necessary to ensure success, and capable as they were of finding their way into the profession by dint of merit, as they actually did by the caprice of fortune in the first instance? Nor can we at all admit the force of the pertinence of the objection made by an intellectual test and an intellectual training, as inadequate to secure practical men with business capacities for the public service. The scholar is not necessarily a pedant and a necessary failure in all that is practical. This objection has been abundantly replied to by the experience of the last twenty years in the selection of candidates for the Indian Civil Service, and, nearer home, of the marked business abilities, and the masterly practical capacities of our leading statesmen, such as Mr. Gathorne Hardy, now Viscount Cranbrook, Lord Salisbury, Lord Carnarvon, Lord Shaftesbury, Sir Stafford Northcote, and many others, who are all scholars as well as statesmen of mark, and who won high honours at the Universities. The truth is, an intellectual training, and an intellectual test of the higher kind, always carry with them a moral training and a moral test; for it is impossible for men to succeed in winning their way to the highest intellectual honours

at our Universities, without the continued exercise of principles and habits such as industry, self-restraint, economy of time, punctuality, and patience, which are not only of an essentially moral nature, but by which we lay the most permanent foundations for the development and perfection of business habits of the highest value in after life.

Such then, briefly, is the nature of the new phases of modern education, and the new demands made on it by the changed character of our age. In the volume now submitted to the public, I trust will be found a full and faithful record of all the requirements necessary to candidates for all competitive or qualifying examinations in the Universities or our great Public Schools, in the Army and Navy, Home and Indian Civil Services, the Colonial Service, in the Royal Military Schools, the Theological Colleges, Training Colleges, Royal College of Surgeons and Schools of Medicine, Inns of Court, and the Incorporated Law Society, the Pharmaceutical Society of Great Britain, and our Banks.

The work has been delayed considerably in passing through the press, for which the only apology is the desire I have earnestly felt to render it as complete and as trustworthy as possible, to make it indeed a standard work of reference, and a practical guide to the high and middle-class education of the realm ; a desire which induced me to submit to the necessary delay in waiting for the best and most accurate information which I had applied for at the "fountain-heads." The authorised information I have been at length favoured with, by those who were most competent to give it, now enables me not merely to correct the errors and amend the inadvertencies of a former edition, but to add largely to the details of almost every educational institution and public examination formerly recorded, and to give such additional matter of educational interest, not only

omitted in my former work, but not to be found in any other publication of the present character. I may add that I have been, in some cases, under the necessity of applying repeatedly in many authoritative quarters before I succeeded in gaining the required information, which I held to be essential to render the book complete in itself, and accordingly valuable to the public in general; and I can venture to assert that no labour, time, or expense has been wanting on my part to make this work a standard authority, and a trustworthy national guide on all matters of educational interest. With this end in view, in dealing with the Universities, I have not confined myself to a somewhat brief, yet comprehensive history of each college, but I have given particulars as to the various examinations students at each University are required to pass, with a view to their taking their final degree, as well as an account of the scholarships, fellowships, prizes, and other rewards and helps open to them, and the items of the necessary expenses. Candidates for Commissions in the Army will find in these pages all the details respecting the various examinations, and the means for entrance into the Military Colleges. In every department of the Civil Service—Home, Colonial, and Indian—the requisite information respecting the age of candidates, the subjects of examination, and the nature and value of the office competed for, is furnished with full particulars. Ample space and consideration have been bestowed on the Local and Higher Oxford and Cambridge Examinations, the Cambridge Extension Scheme, and the nature of the tests applied, and the rewards and degrees conferred on the successful candidates by the examiners.

In the interest alike of education and of the public, I have presented a summary of the conference of the Head Masters of our first-grade schools, as well as a brief article on the conference of Head Masters of our middle-class schools.

The volume further embraces summarised particulars of every public and endowed school in Great Britain and Ireland, as well as of nearly every private school and college, with the course of education pursued in each establishment, the educational staff, the fees, and the names of their respective Head Masters.

To add to the utility of the work, a carefully compiled and classified Index is given of 6,570 names, with the place of residence affixed to each ; and in addition to this all the schools will be found arranged in topographical order. These points will ensure the great facility of a double reference, and it is to be confidently hoped that the book will prove most useful, not merely to those who are engaged professionally in the great and growing necessities of education, but also to every head of a family who is anxious to furnish himself with clear information as to the character of the school or college most suited to his son's requirements, and likewise the nature and the character of the examination for which he must be prepared in the profession marked out for his future career.

Finally, those who are interested in education of any kind, may test the useful and practical nature of the work in many ways, as for example :—

(1) The student who is looking forward to matriculation at one of our Universities will learn from its pages the conditions on which he can enter, the restrictions of age, the nature of the examinations required at entrance and during his whole University course, the amount of fees, and the honours, degrees, and emoluments open to a successful career.

(2) Intending candidates for appointments open to public competition in any branch of the Civil Service, the Army or Navy, may learn, by ready reference to its pages, the kind of examination they would have to pass, the conditions of the competitive test, the proper authorities to whom they should apply, as well as

the best known tutors for training candidates with a view to success in such competitions.

(3) To students intending to enter the legal profession, the same remarks are equally applicable.

(4) To the student who has a desire to enter the Church, either through the Universities or the Theological Colleges, these pages will supply every item of the needful and necessary information respecting fees, the heads of preliminary instruction and method of procedure, as well as the various means of assistance afforded by several societies towards the expenses incident on the training and education of candidates for Holy Orders.

A careful and candid examination of the volume, as a whole, which virtually embraces a condensed Calendar of every University, a Civil Service, Legal, Theological, Army, and an Educational Guide, will, I trust, leave an impression on the minds of the majority of my readers, that, notwithstanding the incidental errors inseparable from the most accurate compilation, and for which others may be responsible, some measure of success has crowned my efforts to render this book a valuable work of reference on all educational matters as they exist at the present day; and, in conclusion, I shall esteem it a personal favour if any one, on discovering an inaccuracy, or an omission of any kind, will kindly take the trouble to communicate the same, so that the ensuing volume may be made as perfect and as reliable as it is possible to be in a work of so complicated and diffusive a nature.

“Each finding, like a friend,
Something to blame, and something to commend.”—POPE.

F. S. DUMARESQ DE CARTERET-BISSON.

LONDON, *November 11th*, 1883.



CORRIGENDA

AND

OCCURRENCES DURING PRINTING.

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REFERENCES.

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The Right Hon. Lord Templemore, Dunbrody Park, co. Wexford.
Gen. Sir Daniel Lysons, K.C.B., Cove Park, Farnborough Road.
F. Young, Esq., 53, Ennismore Gardens, Hyde Park.
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OCCURRENCES DURING PRINTING, AND CORRIGENDA.

Alterations in names and addresses, and names to be erased, which were received too late for rectification in their regular places in the body of the work :—

- Page 10—Oxford University. David B. Monro, M.A., Provost of Oriel College, has been nominated by the Hebdomadal Council a Delegate of the Common University Fund, in place of the Very Rev. G. W. Kitchin, resigned.
- „ 11—Oxford University. Edward B. Tylor, Honorary D.C.L., has been appointed Keeper of the University Museum in the place of the late Professor Henry Smith.
- „ 12—Savilian Professor of Geometry, *read* Professor Sylvester, *vice* H. J. S. Smith, M.A., deceased.
- „ 41—Cambridge, *read* Vice-Chancellor for 1884, the Rev. Norman Macleod Ferrers, D.D., *vice* Rev. Dr. Porter.
- „ 64—Cambridge, line 31, *read* “money” after the word “caution.”
- „ 76—Selwyn College, Cambridge. *Bursar*—*read* vacant by the death, in Nov., 1883, of Lieut.-Col. H. C. Watson.
- „ 84—Trinity College, Dublin. The Professorship of Geology has been conferred by the Academic Council upon Mr. Sollis, of Bristol.
- „ 84—Trinity College, Dublin. Dr. Valentine Ball, Professor of Geology, has been nominated Director of the Science and Art Museum, in the room of the late Dr. Steele.
- „ 84—Trinity College, Dublin. Regius Professor of Feudal and English Law, *read* Henry Brougham Leech, M.A.
- „ 135—St. Andrews University. The late Sir William T aylour Thomson, K.C.M.G., C.B., has bequeathed 30,000*l.* to this University, to found bursaries for students of both sexes in equal numbers, and, in the case of females, to assist them, as far as practicable, in qualifying themselves to enter the medical profession.
- „ 137—St. Andrews University, *read* Lord Rector, J. Russell Lowell, Esq., American Minister, *vice* Sir Theodore Martin, K.C.B. A legal objection has been raised to this election, which may necessitate another contest.
- „ 140—University of Edinburgh, *read* Lord Rector, the Right Honourable Sir Stafford Northcote, P.C., C.B., D.C.L., M.P., *vice* the Right Honourable the Earl of Rosebery.
- „ 148—Aberdeen University. Dr. Matthew Hay has been appointed to the Chair of Medical Jurisprudence, in the room of Dr. Ogston, resigned.
- „ 149—Glasgow University. Mrs. Elder, of Claremont House, Glasgow, who several years ago contributed 5,000*l.* by way of additional endowment to the Chair of Civil Engineering in Glasgow University, is about to hand over to the Senate 12,500*l.* for the purpose of endowing a Chair of Naval Architecture, to be termed “The John Elder Chair of Naval Architecture.”
- „ 150—Glasgow University, *read* Lord Rector, the Right Honourable Henry Fawcett, M.P., *vice* the Right Honourable J. Bright, M.P.
- „ 150—Glasgow University. Mr. Francis Elgar, naval architect, of the City of London, has been unanimously elected the first Professor of Naval Architecture in the University of Glasgow, which chair was recently endowed by Mr. John Elder.
- „ 201—King’s College, London, *read* Principal, Rev. Prebendary H. Wace, D.D., Preacher of Lincoln’s Inn, *vice* Canon Barry, now Bishop of Sydney, Australia.
- „ 217—Royal Military College, Sandhurst. The Secretary of State for War has approved of Major Scott, Royal Engineers, now serving as an Instructor, being appointed to succeed Colonel Williams, R.E., as a Professor of Fortifications at this institution.
- „ 217 Royal Military College, Sandhurst, *read*, The following officers are also instructors: Lieut. W. C. Godsal, Royal Engineers; Major E. Essex, Gordon Highlanders; Lieut. J. W. Bromfield, Cheshire Regiment.
- „ 222—Royal Military Academy, Woolwich, *read* Lieut. R. C. Foster, R.A., to be Instructor.
- „ 250—Royal Naval College, Greenwich. W. D. Niven, Esq., F.R.S., has assumed the post of Director of Studies, vacated by Dr. Hirst, F.R.S.
- „ 255—Poole, Upton House, Military School, *read* Principal, Rev. C. Parkhurst Baxter, M.A., and see also page 1188.

- Page 305—Eton College. Mr. Loury has been appointed Assistant Master in consequence of the retirement of the Rev. F. St. John Thackeray, who has received the living of Maple, Durham.
- „ 305—Eton. The School census for 1883 gives the number of students in the various divisions as under : Sixth form, 20; fifth form, 526; remove, 19½; fourth form, 138; third form, 1. Total, 879.
- „ 306—Haileybury College, *read* Head Master, the Rev. J. Robertson, M.A., *vice* the Rev. G. M. Bradby, resigned.
- „ 389—Missionary Congregational Institute, Nottingham, *read* Principal, Rev. J. B. Paton, M.A., D.D.
- „ 431—St. Thomas's Hospital, *read* Secretary, G. Rende, *vice* Dr. Gillespie, resigned.
- „ 439—Dr. Dyce Duckworth, M.D. Edinburgh, F.R.C.P. Lond., has been elected Physician to St. Bartholomew's Hospital, in the vacancy created by the resignation of Dr. Southey, appointed Lord Chancellor's Visitor of Lunacy.
- „ 480—Dental Hospital of London, *read* Dean, Mr. Morton Smale, *vice* T. F. K. Underwood, resigned.
- „ 500—Lincoln's Inn. Mr. Charles Greville Prideaux, Q.C., Recorder of Bristol, has been elected treasurer for the ensuing year, in succession to Mr. Dickinson. Q.C.
- „ 500—Middle Temple, *read* H. T. Cole, Q.C., Treasurer, *vice* Sir F. Roxburgh, Q.C., resigned.
- „ 500—Inner Temple, *read* W. W. Mackeson, Q.C., Treasurer, *vice* M. Dowdeswell, Q.C., resigned.
- „ 557—Normal School of Science and Royal School of Mines, *read* First Professor of Agriculture, Professor Wrightson.
- „ 638—Amersham Grammar School, *read* Head Master, Rev. W. J. Foxell, B.A., B.Mus. London University, *vice* Rev. F. Weller, M.A., appointed to Crewkerne Grammar School.
- „ 666—Kensington, 89, Holland Road, Private School for Deaf Children. This school is now closed.
- „ 690—Ashby-de-la-Zouch Grammar School, *read* Head Master, Rev. L. W. Lloyd, M.A., Wadham College, Oxford.
- „ 692—Audlem Grammar School. This school is now in abeyance.
- „ 695—Bangor. The governing body of the North Wales University have unanimously elected the Earl of Powis as President of the College for ten years. The Duke of Westminster and Mr. Richard Davies, M.P., were elected Vice-Presidents.
- „ 695—Bangor, North Wales College. Mr. W. A. Darbyshire, B.A., J.P., Bala-denlyn, has been appointed by the University of London Governor and Member of Council of the North Wales College. The following gentlemen Life Governors :—Lord Aberdare, Mr. Lewis Morris, M.A., Mr. B. T. Williams, Q.C., County Court Judge, Mr. Humphreys Owen, M.A., Captain Verney, R.N., Mr. Thomas Davies, and Mr. J. F. Roberts.
- „ 700—Combe Down, near Bath, Commercial School, *read* Park House School.
- „ 707—Birkenhead School, *read* Principal, Rev. W. Cecil Wood, M.A., late Scholar of Emanuel College, Cambridge.
- „ 711—Blackpool, Merchants' College. Principal, J. Gregory. This school is now closed.
- „ 715—Bourn Grammar School, *read* Head Master, vacant.
- „ 729—Brighton, Gloucester Middle-class School. Principal, J. Vinall. This school is now closed.
- „ 737—Burford Grammar School, *read* Head Master, vacant.
- „ 740—Bushey, Herts. Mr. Herkome's School of Art was opened on 24th Nov. 1883.
- „ 741—Cambridge, *read* Head Master, vacant, J. B. Allen, M.A., having resigned at Christmas, 1883.
- „ 743—Cardiff, The University College of South Wales. The Senate of the University of London has appointed Cardiff as a centre for Matriculation Examination in 1884.
- „ 743—The University College of South Wales. The Council have decided to raise 3,000*l.* for the provision of mechanical laboratories, and 1,000*l.* for a library.
- „ 743—The University College of South Wales. Dr. Müller, of Berne, formerly archæologist to the Indian Government in Ceylon, has been appointed Lecturer in German.

- Page 758—Clee Foundation School, Lincolnshire, *read* Head Master, A. Abbott, B.A., Queen's College, Oxford.
- „ 763—Collingham (Notts). Hope House School. J. H. Bennett, Principal. This school is now closed.
- „ 763—Queen's College, Cork. The absolute and relative number of Roman Catholics continues to increase. In 1870-71 there were only 86 Roman Catholic students in Queen's College, Cork, or 34·4 per cent. In the session just ended there were 213, or 61·2 per cent.
- „ 765—Cradley Grammar School. This is now a public elementary school under Government inspection. Head Master, J. Brooks.
- „ 774—Devizes. Alderman Dauntsey's Charity, value £10,000, for the establishment of a county public school, has been conferred by the Charity Commissioners upon Devizes.
- „ 785—Eastbourne, *read* Sea House School, inclusive terms for boarders 60 guineas. Principal, William Easam.
- „ 821—Hampton Lucy Grammar School. This school is now in abeyance.
- „ 838—Huddersfield Collegiate School, *read* Principal, Rev. J. F. Richards, M.A.
- „ 853—Kingsbridge, *read* Head Master, vacant.
- „ 864—Lichfield Grammar School, *read* Head Master, Rev. W. E. Winter, M.A., *vice* the Rev. S. Goldney, M.A., resigned.
- „ 898—St. John's Wood School, 43, Acacia Road, *read* Head Master, the Rev. G. W. Oliver, M.A., late Scholar and Prizeman Christ's College, Cambridge, with a staff of Assistant Masters. Resident pupils are received at the school house by Mr. and Mrs. S. Jones. See also Index to Appendix A
- „ 902—Blackheath, Oxford House. The Rev. M. W. Pitman, M.A., has removed to 6, Cambridge Gardens, Kilburn, N.W.
- „ 918—Putney School, *read* Principal, vacant, *vice* Rev. W. Tidmarsh, B.A., deceased.
- „ 922—Bayswater, Preparatory School, 14, Pembridge Crescent. This school is now closed.
- „ 925—Gloucester Terrace School, Hyde Park. Principal, C. Topham. This school is now closed.
- „ 930—Maidstone Grammar School, *read* Head Master, Rev. S. Maitland Crosthwaite, M.A., *vice* Rev. G. M. Gould, deceased.
- „ 948—Market Bosworth Grammar School, *read* Head Master, Rev. Desmond H. W. Sampson, M.A., Magdalen College, Oxford.
- „ 963—Nottingham University College. A Technical School has just been successfully started. *Read* Principal and Professor of Mathematics, Professor W. Garnett, *vice* Mr. Aldis, resigned.
- „ 977—Pocklington Grammar School, *read* Head Master, vacant, the Rev. C. G. Wilkinson, M.A., having resigned at Christmas, 1883.
- „ 978—Poole, Dorset, Upton House, Military School, *read* Principal, Rev. C. Parkhurst Baxter, M.A., *vice* Rev. A. Chichester Burnard, B.A., retired. See page 1188.
- „ 994—Rotherham Grammar School. The Head Mastership will be vacant at Christmas, 1883, by the resignation of the Rev. G. Ohlson.
- „ 1007—Sevenoaks, Turret Lodge School, *read* Principal, Rev. D. Chapman.
- „ 1027—Stony Stratford, St. Paul's College. Warden, Rev. W. H. McKenzie, M.A. This school is now closed.
- „ 1034—Tarvin Grammar School, *read* Head Master, J. Chester.
- „ 1034—Taunton, The King's College, *read* Head Master, vacant, *vice* Rev. G. O. L. Thompson, M.A., resigned.
- „ 1035—Taunton, Castle School. This school is now closed.
- „ 1037—Teignmouth, Hermosa School. This school is now closed.
- „ 1039—Thetford Grammar School, *read* Head Master, Benjamin Reed, B.A. Lond., late of Bingley Grammar School.
- „ 1040—Thurlow, Little, Free Grammar School. This school is now in abeyance.
- „ 1044—Towcester School, *read* Principal, W. T. Knight, F.S., Sc. Lond.
- „ 1070—Wilton Grammar School, *read*, Founded A.D. 1587. Head Master, Rev. A. C. Whitley, M.A. Cambridge, *vice* the Rev. F. A. Rounthwaite, M.A., resigned.
- „ 1112—Guisborough, *read* Guilsborough.
- „ 1113—Gondhurst, *read* Goudhurst.
- Dean Close Memorial Middle Class School. A site has been secured at Cheltenham. Donations are received by the Rev. Canon Bell, the Rectory, Cheltenham.

Ready in November and December, 1883.

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Name.	No. in Order of Merit.	Examination.	Total No. of Marks.
Speranza, W. S. J. J. L.	6	Woolwich	6884
Nelson, T. M.	9	Sandhurst	6076
Macdonogh, G. M. W.	14	Woolwich	6122
Norie, E. W. M.	25	Sandhurst	5404
Crichton, H. M. R.	26	Sandhurst	5401
Hawkes, L. H.	34	Sandhurst	5239
Knight, W. C.	35	Sandhurst	5232
Langdale, P.	45	Sandhurst	5133
O'Leary, C. E.	50	Woolwich	4505
Willmott, W. A.	54	Sandhurst	5048
Benett, H. V.	60	Sandhurst	5003
Bellamy, P. J.	63	Sandhurst	4952
Milne, A. H. R.	64	Sandhurst	4945
Fitzgerald, J. W.	65	Sandhurst	4920
Sutherland, J. C.	74	Sandhurst	4818

These fifteen competitors attained an aggregate of 80,000 marks, the highest score ever made at any one time by the successful pupils from any educational establishment, yielding an average of 5312 marks for each successful pupil.

DECEMBER EXAMINATION, 1882.

Name.	No. in Order of Merit.	Examination.	Total No. of Marks.
Hardy, W. K.	6	Woolwich	7350
Dickinson, T. M.	14	Woolwich	6160
Harrison, Gilbert H.	18	Woolwich	5868
Swinburne, Anthony	5	Sandhurst	6480
Watson, Edward Y.	12	Sandhurst	5983
Thruston, A. B.	25	Sandhurst	5621
Galbraith, G. H. L.	40	Sandhurst	5354
Brooks, Lewis A.	46	Sandhurst	5281
Hovell, Hugh de B.	49	Sandhurst	5235
Lillingston-Johnson, W. G.	65	Sandhurst	4970
Burne, Knightley O.	1	Sandhurst	Honry. Queen's India Cadet. 4655
Warrand, W. N. M.	—	Marine Infantry	

The ten competitors attained an aggregate of 58,282 marks, yielding an average of 5,828 marks for each.

At the Preliminary Examination held in February, 1882, six out of seven candidates, and at the Preliminary Examination held in March, 1882, all four candidates sent up from the Manor House, Lee, S. E., were successful.

JULY EXAMINATION, 1883.

Name.	No. in Order of Merit.	Examination.	Total No. of Marks.
Walker, H. S.	9	Sandhurst	5692
Walsh, H. H. A.	15	Sandhurst	5507
McConaghey, A.	18	Sandhurst	5389
Pratt, E. St. G.	21	Sandhurst	5364
Reid, J. W.	35	Woolwich	5082
Lamb, G.	47	Woolwich	4861
Barrow, G. de S.	51	Sandhurst	4935
Price-Davies, S. D.	53	Woolwich	4701
Clowes, H.	56	Sandhurst	4858
Audain, G. M.	73	Sandhurst	4721
Crosse, A. G.	91	Sandhurst	4573
Chichester, A. A.	Cadetsp. Militia Candidate.	Sandhurst	4118
Eastwood, H. de C.			

At the Army Preliminary, held in July, 1883, all the ten candidates sent up from the Manor House were successful, viz. :—Messrs. Arnold, B. Bell, Gadsden, Kennedy, Marshall, C. Moore, Scott, Upton-Dormer, Wogan-Browne, Simonds.

At the Preliminary Examinations held in February and March, 1883, fourteen out of sixteen candidates were successful.

TABLE of Increment of Marks gained by the December candidates during Autumn Term, 1882, at the Manor House :—

Name.	Total of marks gained in the July Examination.	Total of marks gained in Dec. Examination.	Increase of marks gained during Autumn Term, 1882.
Thruston, A. B.	4019	5621	1602
Brooks, Lewis A.	3795	5281	1486
Watson, E. Y.	4578	5983	1405
Hovell, Hugh de B.	3961	5235	1274
Galbraith, G. H. L.	4477	5354	877
Warrand, W. N. M.	3877	4655	778

TABLE of Increment of Marks gained by the July candidates during the period between the December Examination, 1882, and the July Examination, 1883.

Name.	Total of marks gained in the Examination, Dec., 1882.	Total of marks gained in July, 1883.	Increase of marks gained during the interval.
Clowes, H.	2762	4858	2096
Walsh, H. H. A.	3982	5507	1522
McConaghey, A.	4528	5389	861
Barrow, G. de S.	4315	4935	620

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WOOLWICH.		SANDHURST.	MILITIA.	
7 FIRST.	2 Eighth.	2 FIRST.	4 FIRST.	3 Tenth.
7 Second	3 Ninth.	2 Second.	1 Second.	13 between Tenth and
1 Third.	3 Tenth.	14 in first ten.	3 Fourth.	Twentieth.
3 Fourth.	63 between Tenth and	15 in first twenty.	1 Sixth.	13 between Twentieth
4 Fifth.	Twenty-fifth.	229 lower places.	1 Seventh.	and Thirtieth.
9 Sixth.	89 lower places.		2 Eighth.	22 lower places.
3 Seventh.			1 Ninth.	

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WOOLWICH.	SANDHURST.	MILITIA.
1882.	1883—July.	1883—September.
SEVEN sent up; FIVE passed.	1st Vaughan.. .. 6307	1st Didham 2001
4th Laffan 7712	8th M'Kerrell .. 5694	4th Palmer 1924
7th Livingstone .. 6977	5th Viscount Garmoyle 4953*	6th Wyley 1919
17th Quill 5833	6th Bates 4781*	7th Foster 1899
22nd Fasson 5544	78th Hall 4685	9th Heyworth.. .. 1869
27th Wray 5416	98th Blackburn .. 4538	10th Westmoreland .. 1862
	8th Ramsay 4523*	11th Browne 1859
1883.	108th Tucker 4444	13th Twyford 1838
NINE sent up; FIVE passed.	118th Peach 4435	14th Prendergast .. 1822
2nd Pert 8139	113th Murray 4417†	15th Macrae 1817
9th Sclater 6174	12th Hogg 4182*	17th Graham 1811
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17th Rougemont .. 5683	<i>i.e.</i> , 12 out of 25 sent up.	23rd Thompson.. .. 1790
28th Thompson .. 4978		26th Marriott 1778
	December result not known.	31st Stevens 1769
		34th Dewar 1752
		37th M'Neill 1750
		40th Leicester 1738
		42nd Cole 1731
		46th Davidson 1722
		49th Shaw 1709
		60th Sewell 1689
		64th Rolt 1677
		66th Harris 1665
		Collings 1637
		<i>i.e.</i> , 25 out of 39 sent up, and 1 other refused a cavalry commission.

SANDHURST PRELIMINARY EXAMINATION.—Nineteen candidates have been suc-
cessful out of twenty-four sent up this year (1883).

STAFF COLLEGE.—1881 : FIRST, 4th, 16th. 1882 : FIRST, 7th, 10th, 15th, 22nd, 23rd, 26th.
1883 : 2nd, 4th, 8th, 14th, 15th, 17th, 19th, 23rd, 26th, 28th, 33rd, 35th, and 37th.

PROMOTION EXAMINATION.—Messrs. JAMES and LYNCH have passed 205 officers for
promotion.

COLLEGE OF PRECEPTORS.

Incorporated by Royal Charter.

OFFICES : QUEEN SQUARE, BLOOMSBURY, W.C.

~~~~~  
President of the Council.

THE REV. T. W. JEX-BLAKE, D.D., Head Master of Rugby School.

Vice-Presidents.

R. WORMELL, D.Sc., M.A., City Middle Class School, E.C.  
Miss F. BUSS, North London Collegiate School for Girls, N.W.

Dean.

H. WESTON EVE, M.A., Head Master of University College School, W.C.

Treasurer.

E. E. PINCHES, B.A.

Secretary.

C. R. HODGSON, B.A.

The College of Preceptors was established in the year 1846, and incorporated by Royal Charter in the year 1849, "for the purpose of promoting sound learning and of advancing the interests of education, especially among the middle classes, by affording facilities to the teacher for acquiring a knowledge of his profession, and by providing for the periodical session of a competent Board of Examiners, to ascertain and give certificates of the acquirements and fitness for their office of persons engaged or desiring to be engaged in the education of youth." With this view, the Charter empowers the College to hold Examinations of Teachers and Schools, and to grant Diplomas and Certificates to such persons as pass these Examinations satisfactorily.

To effect these objects, two plans of examination have been established :

- 1st. That of Teachers, to ascertain their qualifications and fitness to take part in the work of instruction ; and,
- 2nd. That of Pupils, to test their progress, and to afford at once to the Teacher and to the public a satisfactory criterion of the value of the instruction they receive.

The Diplomas granted by the College to Teachers are of three grades ; viz., *Associate*, *Licentiate*, and *Fellow* ; and the distinctive feature of these Examinations is, that in all cases the "Theory and Practice of Education" is an obligatory subject for each grade.

The Pupils' Examinations were established in the year 1854, and have been carried on periodically since that time with steadily increasing success. The number of pupils examined for Certificates during the year 1883 was about 14,000 ; and at the present time more than 2,700 schools in various parts of the country from time to time send up candidates for examination.

The Higher Certificates of the College are recognised by Her Majesty's Judges, and by the General Medical Council, as guarantees of good general education ; and consequently the holders of them, who may intend to enter the Legal and Medical professions, are exempted from the necessity of submitting to the Preliminary Literary Examinations held by the Incorporated Law Society, and by the various Medical Corporations of the United Kingdom.

The Examinations, both of Teachers and of Pupils, are open to both sexes. There is a large proportion of female candidates at each Examination for Diplomas, and the number of Girls' Schools from which pupils are sent up as candidates for certificates is now very considerable, and is rapidly increasing.

Courses of Lectures on the Science and Art of Education are regularly delivered under the direction of the Council, and Evening Meetings of the members of the College are held monthly (except during the Christmas and Midsummer vacations), for the purpose of reading and discussing papers upon subjects connected with education. Full reports of these meetings and discussions are published in the *Educational Times*, the journal of the College, which is sent monthly to every Member. Members also have the use of a Library of Educational Works, consisting of about 5,000 volumes, to which additions are constantly being made.

The Annual Subscription to the College is one guinea ; a single payment of ten guineas confers the privilege of Life Membership. All persons engaged in education are admissible as members, subject to election by the Council ; but all candidates are required to give evidence of having passed an examination satisfactory to the Council before some recognised examining body, or, failing that, to pass an examination at the College.

The Regulations of the Examinations of candidates for Diplomas and membership, and of pupils in schools, may be obtained on application to the Secretary at the College.

C. R. HODGSON, B.A., Secretary.

Special Tuition for Cadetships at R.M. College, Sandhurst,  
and R.M. Academy, Woolwich, etc., etc.

# HILL LANDS, WARGRAVE, BERKS.

POSTAL ADDRESS—Wargrave, Henley, Oxon.

RAILWAY STATION—Twyford, G.W.R.

TELEGRAPH OFFICE—Twyford, Berks.

Principal: The Rev. A. R. PRITCHARD, M.A. Oxon.

Vice-Principal: E. CARLISLE, Esq. (late Foundation Scholar of St. John's College Cambridge, 19th Wrangler in 1878).

The staff of Assistant Instructors now consists of seven gentlemen, five of whom are resident in Wargrave, and, like Mr. Pritchard and Mr. Carlisle, devoting their entire time to the Pupils at Hill Lands. All these gentlemen are graduates in (very) high honours from their respective Universities, and possessed of some years' successful experience in instructing in the subjects they undertake previously to their joining Mr. Pritchard.

Mr. PRITCHARD has had fifteen years' experience in Tuition, and Mr. CARLISLE was four years Senior Mathematical Lecturer in the establishment of the late Mr. Rippin, of Woolwich Common, after whose death, in the spring of 1883, he joined Mr. Pritchard. While with Mr. Rippin an average of nine Pupils passed from Mr. Carlisle into Sandhurst and Woolwich.

During the last four and a half years candidates from Hill Lands (whose number now exceeds 40) have been successful 148 times at one or other of the Army Examinations.

Highest Places gained in Lists—

3, 4, 5, 8, 9, 11, 14, 15, 18, 21, 29, 31, 32, 34, 35, 37, 38, 39, 52, 60, 63, 64, etc.,

some of the foregoing twice, and even thrice over, and among the successes for 1883 are the very highest of all ever yet gained.

Eight out of nine Candidates for the most recent Sandhurst Preliminary Examinations passed.

All four Woolwich Candidates November and December, 1883, qualified. Lists of the successful at this and the corresponding competition for Sandhurst not published at time of preparing this for press.

Mr. PRITCHARD'S success enabled him to purchase the grounds of Hill Lands (10 acres) in 1881 where he has built already three spacious houses, and a fourth is in course of erection, carefully designed to meet the requirements of his work. The site is on the incline of a hill, and is most bracing. In the arrangements, the Pupils' wants during leisure hours have not been forgotten. There is a large Cricket and Football Ground, besides Lawn Tennis, etc.

Work is continued through every Vacation to the extent needful.

## Militia Officers seeking Direct Commissions in Her Majesty's Service.

A distinct department has been established in a separate building at Hill Lands for the reception of Militia Officers desirous of competing at the half-yearly Examinations held in the months of March and September in the Four Military Subjects only, viz.:

MILITARY LAW,  
MILITARY TACTICS,  
MILITARY TOPOGRAPHY,  
FORTIFICATION,

as well as for Commissioned Officers preparing for the Staff College.

Mr. PRITCHARD has placed the General Superintendence of the Instruction of Officers of this department in charge of Lieut.-Colonel P. C. Story, late of the 40th Regiment and 26th Regiment Cameronian.

Colonel Story and another resident officer, of subordinate rank, as his assistant, devote their whole time to the officers undergoing the requisite course of instruction at Hill Lands.

Colonel Story is a Graduate of the Staff College, and has had eight years' experience as Garrison Instructor, during which period an average of nine out of every ten Officers instructed by him passed their Examination. He has also served on the Staff of both Adjutant and Quartermaster-General.

The officer assisting him has had considerable experience in Instruction.

Candidates from Hill Lands have been successful at all the Military Competitive Examinations hitherto held.

Usually thirty Commissions are offered at each Examination to 270 Candidates, so that only one in nine can succeed.

In the Examinations held in 1882, and March, 1883, one officer out of every four sent from Hill Lands obtained his Commission.

Twenty Militia Officers have gained direct Commissions from Wargrave since the formation of the department. The highest place gained on these lists has been won September, 1883, viz., 2nd; among the other high places are 3rd, 9th, 18th, 20th, etc.

For Terms, References, etc., apply to the Rev. A. R. PRITCHARD.

# OUR UNIVERSITIES.

# THE MANOR HOUSE,

EAST HILL, WANDSWORTH, S.W.

(STATION, CLAPHAM JUNCTION.)

## MRS. MASSON

Receives a limited number of Young Ladies, whose education she conducts, with the assistance of visiting Professors and resident English and Foreign Governesses.

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For Pupils above Fourteen ... .. 140 Guineas per annum.  
For those under that age ... .. 120       "       "

These terms include the usual branches of English Education, taught by a lady of superior attainments, German by a resident Hanoverian lady, and French by a resident Parisian, supplemented by weekly Lectures and Lessons, given by visiting Professors, on English Language and Literature, Ancient and Modern History, and Algebra and higher Mathematics.

The Manor House, a handsome mansion, designed by Sir Christopher Wren as a country residence for Queen Anne, is surrounded by seven acres of garden and pleasure ground, and combines the seclusion and the healthfulness of the country, with all the advantages of a London Establishment.

### The Extra Subjects are—

|                                 |     |     |     |                        |
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| Italian Language and Literature | ... | ... | ... | Signor de Asarta.      |
| Drawing and Water-Colours       | ... | ... | ... | W. Harding Smith, Esq. |
| The Pianoforte                  | ... | ... | ... | { William Coenen, Esq. |
|                                 |     |     |     | { W. Bache Esq.,       |

And resident German Musical Governess (Diplômée).

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Singing. English and Foreign Teachers, according to the requirements of Pupils.

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| Organ                                        | ... | ... | ... | ... | ... |                                           |
| Dancing                                      | ... | ... | ... | ... | ... | M. Louis d'Egville.                       |
| Calisthenics                                 | ... | ... | ... | ... | ... | Mr. Winterbottom.                         |
| Lectures on Natural Philosophy and Chemistry | ... | ... | ... | ... | ... | Professor Heaton, Charing Cross Hospital. |

*Other Lecturers as required.*

The Year is divided into three Terms, corresponding with those of the Public Schools.

A Term's Notice, or payment, required before the removal of a Pupil.

*This superior School is specially recommended by the Author of "Our Schools and Colleges."*

PART I.

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OUR UNIVERSITIES.  
OXFORD.



# PREPARATION FOR PUBLIC SCHOOLS.

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## **LYNDHURST,** **BRIGHTON.**

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THE REV. F. LILLINGTON, M.A.

(Late Scholar of Brasenose College, Oxford),

Assisted by a staff of highly-qualified Masters and Resident University Tutors, prepares a limited number of Gentlemen's Sons from 7 to 14 years of age for Entrance and Competitive Examinations at Eton, Winchester, and other Public Schools.

Great advantages afforded to backward and delicate boys, and to young boys leaving home for the first time.

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**School Fees, Twenty-Six Guineas a Term.**

(Inclusive Terms if desired.)

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### REFERENCES ARE KINDLY PERMITTED TO :—

The Lady Warren Vernon, Hasfield, Gloucestershire.

The Rev. Ker Gray, LL.D., St Michael and All Angels', North Kensington.

Colonel F. D. M. Brown, V.C., Bengal Staff Corps.

Brigade Surgeon Clarke, Army Medical Department, Royal Military College Farnborough, Hants, and many others.

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For further information and prospectuses apply to the

REV. F. LILLINGTON, M.A.,

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**Belmont, Dyke Road, Brighton.**

# OUR UNIVERSITIES.

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## THE UNIVERSITY OF OXFORD.

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### INTRODUCTORY REMARKS.

THE origin of this University cannot now be discovered. By some, Alfred the Great is said to have been its founder, but the statement is not supported by history. What we do know, however, is that Oxford dates from before the time of Edward the Confessor, and that its first charter was granted by Henry III. It has twenty Colleges and five Halls, each College being a corporate body, administering its own affairs, but the property of the Halls is held in trust by the University, which carries on its business by means of two sets of members, the House of Congregation and the House of Convocation; the former of which receives from the Hebdomadal Council, consisting of the heads of Colleges, etc., statutes framed for the government of the University, and transmits them, if approved, to the latter for enactment. Convocation elects the two members of Parliament who sit for Oxford University. Candidates for Degrees have to be in residence twelve Terms at least before they can proceed to the Examination for B.A. The cost of a career at Oxford depends to a great extent upon the habits of the Student. The University Commissioners estimated it recently at about 600*l.*, but it has since been shown that, with economy, half that sum may be made to suffice. 400*l.* would be ample for one of moderate means and wants. It has been calculated that the cost of tuition, rent, and food in the College erected as a memorial to Keble is about 51*l.* per annum, or 153*l.* for the whole course. This of course does not include the expenses of a Student during the vacations. The following brief summary of the method of proceeding for a Degree in Arts (as the one most commonly taken) may be found useful: more detailed information, as given in the Examination Statutes of the University, will be found further on.

1. The first step of a Student upon joining the University is to Matriculate at some College or Hall, and there is a preliminary (College) examination, the subjects being elementary classics and mathematics, varying slightly at the different Colleges. In some Colleges (*e.g.* Balliol) this examination is sometimes found difficult. The amount of caution money also varies. Testimonials of character and fitness are required. The Term in which a Student Matriculates counts (with or without residence) as one of the twelve Terms required for the Degree of Bachelor. At Matriculation,

after writing his name in the Register in the presence of the Vice-Chancellor, the Student will then receive for future guidance an academical blue-book containing the University statutes, and he is then (but not before this) a member of the University, with the title of Undergraduate. After this he will be required to pass Responsions, and he will continue to be *in statu pupillari* until admitted to the full benefits of Graduate life.

2. RESPONSIONS are usually passed soon after Matriculation. The subjects are—Arithmetic, Euclid or Algebra, Latin, Greek, and in Latin prose composition.

3. FIRST PUBLIC EXAMINATION (commonly called “Moderations”). For Pass as early as the fourth Term from Matriculation; for Honours from fifth to eighth Term. Subjects: Latin and Greek (including portions at sight), Logic, or Euclid and Algebra. The Honour subjects are similar, but more extensive, except that Logic is compulsory instead of alternative.

4. SECOND PUBLIC EXAMINATION. For Pass, “as soon as they have satisfied the Moderators” Candidates may present themselves; for Honours only from their twelfth to sixteenth Term. If a candidate has taken Honours in one School by the sixteenth Term, he may present himself for Honours in other Schools up to the twentieth Term. Pass subjects (under certain limitations) are to be taken from the following:—Greek or Greek and Latin Philosophical and Historical Authors, Greek and Roman History, English Composition, Modern History, a Modern Language, Political Economy, Law, Geometry, Mechanics, Chemistry, Physics.

The Honour subjects scarcely admit of brief enumeration, but will be found in fuller detail further on. They are ranged under the heads of (1) Classics, (2) Mathematics, (3) Natural Science, (4) Jurisprudence, (5) Modern History, (6) Theology. In granting Students their first Degree—that is, when the final examination is passed and they are permitted to don their Bachelor gown—the Vice-Chancellor does not recognise them as having fully attained to the honour of being his *confrères*, and therefore they do not return into the Congregation House in their new robes, as the M.A.’s do, to salute him, and receive his salutation in return, as being now of equal rank with himself. And as for the Degree of Master of Arts, no further examination is required, but merely the payment of certain fees amounting to about 12*l.* The greater distinction is accessible to all. Other Degrees are granted in Music, Civil Law, Medicine, and Divinity, particulars of which are given in this article.

## UNIVERSITY OFFICERS.

### *Chancellor.*

1869, Robert Arthur Talbot, Marquis of Salisbury, K.G., D.C.L., All Souls’.

### *High Steward.*

1859, Henry Howard Molyneux, Earl of Carnarvon, D.C.L., Ch. Ch.

*Vice-Chancellor.*

1882, Benjamin Jowett, M.A., Master of Balliol.

*Pro-Vice-Chancellors.*

Henry George Liddell, D.D., Dean of Ch. Ch.

Mark Pattison, B.D., Rector of Lincoln.

E. Evans, D.D., Master of Pembroke.

J. Bellamy, D.D., President of St John's.

*Proctors.*

H. S. Holland, M.A.

A. L. Smith, M.A.

*Pro-Proctors.*

W. H. Payne-Smith, M.A.

F. de Paravicini, M.A.

J. H. Maude, M.A.

A. H. Johnson, M.A.

*Representatives in Parliament.*

*Elected.*

Rt. Hon. Sir J. R. Mowbray, Bart., D.C.L., Ch. Ch.

1868.

J. G. Talbot, D.C.L., Ch. Ch.

1878.

*Assessor of the Chancellor's Court.*

1876, Thomas Erskine Holland, D.C.L., Fellow of All Souls'.

*Deputy Steward.*

1874, Alexander, Stavely Hill, D.C.L., St. John's.

*Public Orator.*

1877, Rev. W. W. Merry, M.A., Fellow of Lincoln.

*Bodley's Librarian.*

1882, E. W. B. Nicholson, M.A.

*Sub-Librarians.*

1873, Adolf Neubauer, M.A.

1880, F. Madan, M.A.

*Keeper of the Archives.*

1857, John Griffiths, D.D., Hon. Fellow of Wadham.

*Keeper of the Museum.*

1874, Henry John Stephen Smith, M.A., Fellow of Corpus.

*Radcliffe's Librarian.*

1851, Henry Wentworth Acland, C.B., D.M., All Souls'.

*Keeper of the Ashmolean Museum.*

1870, John Henry Parker, C.B., Hon. M.A., Exeter.

*Clerks of the Market.*

Robert Godfrey Faussett, M.A., Student of Ch. Ch.

Octavius Ogle, M.A., Lincoln.

*Registrar of the University.*

1870, Edward Tindal Turner, M.A., Fellow of Brasenose.

*Secretary of Local Examinations.*

G. E. Baker, M.A., Fellow of Magdalen College.

## BOARDS OF STUDIES.

## RESPONSIONS:—

Regius Professor of Greek, Corpus Professor of Latin, Savilian Professor of Geometry, Sedleian Professor of Natural Philosophy, Masters of the Schools, and all who have served in that capacity within the preceding year.

## FIRST PUBLIC EXAMINATION:—

(1) *Honours in Classics*: Regius Professor of Greek, Corpus Professor of Latin, Camden Professor of Ancient History, Professors of Logic and of Comparative Philology, Moderators who conduct this Examination and all who have served in this capacity within two years preceding, and three other members of Convocation added by co-optation (at present H. F. Tozer, M.A., Exeter, H. Nettleship, M.A., Corpus), one of whom shall retire at the end of every year, but shall be re-eligible.

(2) *Honours in Mathematics*: Savilian Professor of Geometry, Sedleian Professor of Natural Philosophy, Moderators who conduct this Examination and all who have served in this capacity within two years preceding, three other members of Convocation added by co-optation (at present H. Deane, B.D., St. John's, D. Thomas, M.A., Trinity, C. J. C. Price, M.A., Exeter), one of whom shall retire at the end of every year, but shall be re-eligible.

(3) *Pass School*: Regius Professor of Greek, Corpus Professor of Latin, Camden Professor of Ancient History, Professor of Logic, Savilian Professor of Geometry, Sedleian Professor of Natural Philosophy, Moderators who conduct this Examination, Moderators who examine for Honours in Mathematics, and all who have served in either capacity within two years preceding.

## SECOND PUBLIC EXAMINATION:—

(1) *Literæ Humaniores*: Regius Professors of Civil Law and of Greek, Corpus Professor of Latin, Whyte's Professor of Moral Philosophy, Waynflete Professor of Moral Philosophy, Camden Professor of Ancient History, Professors of Logic and of Comparative Philology, Reader in Ancient History, Examiners in this School and all who have served in this capacity within two years preceding, and three persons added by co-optation (at present H. G. Liddell, D.D., Dean of Ch. Ch., M. Pattison, B.D., Rector of Lincoln, H. J. S. Smith, M.A., Corpus).

(2) *Mathematics*: Savilian Professors of Geometry and of Astronomy, Sedleian Professor of Natural Philosophy, Professor of Experimental Philosophy, Examiners in this School and all who have served in this capacity within two years preceding, three persons added by co-optation (at present J. A. Dale, M.A., Balliol, W. Spottiswoode, M.A., Balliol, C. J. Faulkner, M.A., University).

(3) *Natural Science*: Regius Professor of Medicine, Sedleian Professor of Natural Philosophy, Professors of Botany, of Experimental Philosophy, of Mineralogy, of Geology, Waynflete Professor of Chemistry, Linacre Professor of Physiology, Hope Professor of Zoology, Examiners in this School and all who have served in this capacity within two years preceding.

(4) *Jurisprudence and B.C.L. Examination*: Regius Professor of Civil Law, Vinerian Professor of English Law, Chichele Professor of International Law, Corpus Professor of Jurisprudence, Vinerian Reader in English Law, and the holder of any Professorship hereafter founded



in the Faculty of Law, Examiners in this School and all who have served in this capacity within three years preceding. The members of the Board may from time to time add by co-optation not more than three persons (at present J. M. Wilson, B.D., President of Corpus, and M. Bernard, D.C.L., All Souls').

(5) *Modern History*: Regius Professors of Modern History and of Ecclesiastical History, Chichele Professors of Modern History and of International Law, Professor of Political Economy, Rawlinsonian Professor of Anglo-Saxon, Examiners in this School and all who have served in this capacity within three years preceding. The members of the Board may from time to time add by co-optation not more than three persons (at present C. W. Boase, M.A., Exeter, S. J. Owen, M.A., Ch. Ch., C. L. Shadwell, M.A., Oriel). Every person so added shall retire at the end of two years, but shall be re-eligible.

(6) *Theology*: Regius Professors of Divinity, of Hebrew, of Pastoral Theology, and of Ecclesiastical History, Margaret Professor of Divinity, Professor of the Exegesis of Holy Scripture, Examiners in this School.

(7) *Pass School, and Rudiments of Faith and Religion*: The Examiners in this School; two representatives sent by each of the Boards of Studies for the Honour Schools in the Second Public Examination, and serving for two years. The members of the Board may add by co-optation not more than three persons (at present C. W. Boase, M.A., Exeter, G. W. Kitchin, M.A., Ch. Ch., and E. Moore, B.D., Principal of St. Edmund Hall). Every person so added shall retire at the end of two years, but shall be re-eligible.

(8) *Preventive Medicine*: The Professors of the Faculty of Medicine, with those Professors who are members of the Board of Studies for the Natural Science School.

## PUBLIC EXAMINERS.

### Honour Schools.

|                                                |   |                                        |
|------------------------------------------------|---|----------------------------------------|
| W. Wallace, M.A., Merton.                      | } | <i>In Literis<br/>Humanioribus.</i>    |
| J. L. Strachan-Davidson, M.A., Balliol.        |   |                                        |
| W. W. Fowler, M.A., Lincoln.                   |   |                                        |
| R. Shute, M.A., Ch. Ch.                        |   |                                        |
| W. L. Courtney, M.A., New.                     | } | <i>In Scientiis<br/>Math. et Phys.</i> |
| W. H. Lavery, M.A., Queen's.                   |   |                                        |
| J. W. Russell, M.A., Merton.                   |   |                                        |
| W. T. Niven, M.A., Trinity College, Cambridge. |   |                                        |
| A. W. Rücker, M.A., Brasenose.                 | } | <i>In Scientiâ<br/>Naturali.</i>       |
| W. A. Tilden, D.Sc., Lond.                     |   |                                        |
| C. W. M. Moullin, D.M., Pembroke.              |   |                                        |
| J. Watts, M.A., Balliol.                       |   |                                        |
| G. B. Ferguson, D.M., Hertford.                |   |                                        |
| R. E. Baynes, M.A., Ch. Ch.                    | } | <i>In Jurispru-<br/>dentiâ.</i>        |
| F. Pollock, M.A., Trinity College, Cambridge.  |   |                                        |
| Sir W. R. Anson, D.C.L., Warden of All Souls'. |   |                                        |
| E. A. Whittuck, M.A., Oriel.                   |   |                                        |
| W. Hunt, M.A., Trinity.                        | } | <i>In Historiâ<br/>Modernâ.</i>        |
| E. S. Beesly, M.A., Wadham.                    |   |                                        |
| W. Stubbs, D.D., Oriel.                        |   |                                        |

|                                 |   |                                |
|---------------------------------|---|--------------------------------|
| T. K. Cheyne, M.A., Balliol.    | } | <i>In Sacra<br/>Theologiâ.</i> |
| E. R. Bernard, M.A., Magdalen.  |   |                                |
| J. Wordsworth, M.A., Brasenose. |   |                                |

## Pass Schools.

|                                    |  |                               |
|------------------------------------|--|-------------------------------|
| C. N. Jackson, M.A., Hertford. | \| | F. Y. Powell, M.A., Ch. Ch.   |
| W. Little, M.A., Corpus.           |  | T. Raleigh, M.A., All Souls'. |
| E. Wallace, M.A., Worcester.       |  | P. F. Willert, M.A., Exeter.  |
| W. A. B. Coolidge, M.A., Magdalen. |  | W. Odling, M.A., Worcester.   |
| J. H. Maude, M.A., Hertford.       |  | C. E. Bickmore, M.A., New.    |
| R. Lodge, M.A., Brasenose.         |  | E. B. Elliott, M.A., Queen's. |

*Moderators.*

## Honour Schools.

|                                |   |                                          |
|--------------------------------|---|------------------------------------------|
| C. Bigg, D.D., Ch. Ch.         | } | <i>In Literis Græcis<br/>et Latinis.</i> |
| H. F. Tozer, M.A., Exeter.     |   |                                          |
| T. H. Warren M.A., Magdalen.   |   |                                          |
| W. W. Merry, M.A., Lincoln.    |   |                                          |
| C. Leudesdorf, M.A., Pembroke. | } | <i>In Disciplinis<br/>Mathematicis.</i>  |
| T. Bowman, M.A., Merton.       |   |                                          |
| T. R. Terry, M.A., Magdalen.   |   |                                          |

## Pass School.

|                                  |   |                                           |
|----------------------------------|---|-------------------------------------------|
| O. Ogle, M.A., Lincoln.          | } | <i>In Literis.<br/>Græcis et Latinis.</i> |
| W. W. Jackson, M.A., Exeter.     |   |                                           |
| P. A. Henderson, M.A., Wadham.   |   |                                           |
| C. R. Heberden, M.A., Brasenose. |   |                                           |
| W. J. Priest, M.A., Merton.      |   |                                           |
| A. Cardew, M.A., Magdalen.       |   |                                           |

*Masters of the Schools.*

|                            |  |                                 |
|----------------------------|--|---------------------------------|
| W. H. Hughes, M.A., Jesus. | \| | R. W. M. Pope, M.A., Worcester. |
| L. R. Phelps, M.A., Oriel. |  | R. L. Abbott, M.A., Unattached. |
| R. F. Horton, M.A., New.   |  | W. Scott, M.A., Merton.         |

## HEBDOMADAL COUNCIL.

*Official Members.*

|                      |  |                     |
|----------------------|--|---------------------|
| The Chancellor. | \| | Ex-Vice-Chancellor. |
| The Vice-Chancellor. | \| | The Proctors.       |

*Heads of Houses.*

|                     |  |                             |
|---------------------|--|-----------------------------|
| Warden of Wadham. | \| | Principal of Jesus.         |
| Dean of Ch. Ch. | \| | Principal of St. Edm. Hall. |
| Provost of Queen's. |  | President of St. John's.    |

*Professors.*

|                   |  |                         |
|-------------------|--|-------------------------|
| W. Stubbs, D.D. | \| | Henry J. S. Smith, M.A. |
| T. Fowler, M.A. | \| | Bartholomew Price, M.A. |
| W. Markby, D.C.L. | \| | W. Ince, D.D.           |

*Members of Convocation.*

|                     |  |                    |
|---------------------|--|--------------------|
| G. W. Kitchen, M.A. | \| | H. F. Pelham, M.A. |
| A. Robinson, M.A. | \| | D. B. Monro, M.A.  |
| E. T. Turner, M.A. | \| | J. R. King, M.A.   |

*Bampton Lecturer* 1883—Hon. W. H. Fremantle, M.A., All Souls'.

*Counsel to the University.*

1877, Horace Davey, M.A., Q.C., University.

*Registrar of the Chancellor's Court.*

1870, Frederick P. Morrell, M.A., St. John's.

*Proctors in the Chancellor's Court.*

|                           |   |                    |
|---------------------------|---|--------------------|
| Thomas Mallam.            | } | <i>Solicitors.</i> |
| Edward Wells Hazel.       |   |                    |
| W. H. Walsh.              |   |                    |
| Percival Walsh.           |   |                    |
| Joseph J. Bickerton, M.A. |   |                    |
| George Mallam.            |   |                    |
| Walter Thompson.          |   |                    |
| Walter Peppercorn.        |   |                    |

*Coroners of the University.*

Frederick P. Morrell, M.A., St. John's.

S. D. Darbshire, B.M., M.A., Balliol.

*University Auditor*—E. Waterhouse, B.A., London.

*Solicitor to the University*—Frederick P. Morrell, Esq., M.A.

*Keeper of the University Galleries*—Joseph Fisher.

*Librarian of the Taylor Institution*—Heinrich Krebs, Ph.D., Hon. M.A.

*Esquire Bedel.*

William W. Harrison, M.A., Brasenose, Divinity and Law.

*Yeomen Bedels.*

W. Burdon, Medicine.

G. Shelton, Law.

William Moon, Arts.

*Organist*—James Taylor, B. Mus., New College.

*Bailiff*—William F. Perkins.

*Clerk of the University*—George Parker.

*Bellman and Marshal*—Alfred James Green.

*Delegates of Local Examinations.*

The Vice-Chancellor.

The Proctors.

H. D. Harper, D.D., Principal of Jesus.

John R. Magrath, D.D., Provost of Queen's.

H. P. Pelham, M.A., Fellow of Exeter.

H. J. S. Smith, M.A., Fellow of Corpus.

Bartholomew Price, M.A., Fellow of Pembroke.

William Ince, M.A., Fellow of Exeter.

John Griffiths, D.D.

G. S. Ward, M.A.

E. Chapman, M.A.

Marmaduke A. Lawson, M.A., Magdalen.

George Rawlinson, M.A., Exeter.

James E. T. Rogers, M.A., Worcester.

*Official.*

*Appointed by the  
Hebdomadal  
Council.*

*By the Con-  
gregation of the  
University.*

Edward Moore, B.D., Principal of St. Edmund Hall.

A. Robinson, M.A.

Stephen Edwardes, M.A., Fellow of Merton.

James F. Bright, M.A., Fellow of University.

John Percival, M.A.

Hereford B. George, M.A., Fellow of New College.

*By the Vice-  
Chancellor and  
Proctors.*

*Secretary.*—G. E. Baker, M.A., Fellow of Magdalen.

*Secretary for the Establishment of Teaching and Lectures in large  
Towns.*—A. H. Dyke Acland, M.A., Ch. Ch.

*Secretary to the Delegates for the Inspection and Examination of  
Schools.*—J. S. Lockhart, M.A., Hertford.

#### PROFESSORS, READERS, AND TEACHERS.

| Founded. | 1. <i>Divinity.</i>                                                                                                                                                          | Elected. |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1546     | <i>Divinity</i> —Regius Professor, The Rev. Dr. Ince ... ..                                                                                                                  | 1878     |
| 1502     | „ Margaret Professor, C. A. Heurtley, D.D....                                                                                                                                | 1853     |
| 1546     | <i>Hebrew</i> —Regius Professor, S. R. Driver, M.A. ... ..                                                                                                                   | 1882     |
| 1842     | <i>Pastoral Theology</i> —Regius Professor, E. King, D.D. ... ..                                                                                                             | 1873     |
| 1842     | <i>Ecclesiastical History</i> —Regius Professor, W. Bright, D.D....                                                                                                          | 1868     |
| 1847     | <i>Exegesis</i> —Ireland Professor, W. Sanday, M.A. ... ..                                                                                                                   | ...      |
|          | <i>Septuagint</i> —Grinfield Lecturer, Edwin Hatch, M.A. ... ..                                                                                                              | 1882     |
|          | 2. <i>Literæ Humaniores.</i>                                                                                                                                                 |          |
| 1546     | <i>Greek</i> —Regius Professor, B. Jowett, M.A. ... ..                                                                                                                       | 1855     |
| 1854     | <i>Latin</i> —Corpus Professor, H. Nettleship, M.A. ... ..                                                                                                                   | 1878     |
| 1868     | <i>Comparative Philology</i> —Professor, F. Max Müller, M.A. ...                                                                                                             | 1868     |
|          | Deputy Professor, A. H. Sayce, M.A. ... ..                                                                                                                                   | 1876     |
| 1622     | <i>Ancient History</i> —(Camden) Professor, G. Rawlinson, M.A. ...                                                                                                           | 1861     |
| 1868     | „ (Reader) W. W. Capes, M.A. ... ..                                                                                                                                          | 1870     |
| 1621     | <i>Moral Philosophy</i> —(Whyte's) Professor, Wm. Wallace, M.A. ...                                                                                                          | 1882     |
| 1854     | <i>Moral and Metaphysical Philosophy</i> —(Waynflete) Professor,<br>Dr. J. Burden Sanderson, LL.D., F.R.S. ... ..                                                            | 1882     |
| 1839     | <i>Logic</i> —Professor T. Fowler, M.A. ... ..                                                                                                                               | 1873     |
|          | <i>Astronomy</i> —Chas. Pritchard, D.D. ... ..                                                                                                                               | 1878     |
|          | 3. <i>Mathematics and Physical Science.</i>                                                                                                                                  |          |
| 1546     | <i>Medicine</i> —Regius Professor, H. W. Acland, C.B., M.D. ...                                                                                                              | 1857     |
| 1780     | „ Clinical Professor, vacant.                                                                                                                                                |          |
| 1619     | <i>Geometry</i> —Savilian Professor, H. J. S. Smith, M.A. ... ..                                                                                                             | 1882     |
| 1619     | <i>Astronomy</i> —Savilian Professor, C. Pritchard, M.A. ... ..                                                                                                              | 1870     |
| 1618     | <i>Natural Philosophy</i> —Sedleian Professor, Bartholomew Price,<br>M.A. ... ..                                                                                             | 1853     |
| 1619     | <i>Botany</i> —Sherardian Professor, vacant.                                                                                                                                 |          |
| 1749     | <i>Experimental Philosophy</i> —Professor, R. B. Clifton, M.A.,<br>and W. N. Stocker, M.A. ... ..                                                                            | 1865     |
| 1798     | <i>Chemistry</i> —Waynflete Professor, W. Odling, M.A. ... ..                                                                                                                | 1872     |
| 1813     | <i>Mineralogy</i> —Professor, M. H. N. Story-Maskelyne, M.A. ...                                                                                                             | 1854     |
|          | <i>Physics</i> —R. E. Baynes, M.A. ... ..                                                                                                                                    | ...      |
| 1818     | <i>Geology</i> —Professor, J. Prestwich, M.A. ... ..                                                                                                                         | 1874     |
| 1861     | <i>Zoology</i> —Hope Professor, J. O. Westwood, M.A. ... ..                                                                                                                  | 1861     |
| 1854     | <i>Physiology</i> —Waynflete Professor, J. S. B. Sanderson, D.M.<br><i>Human and Comparative Anatomy</i> —H. N. Moseley, M.A.<br><i>Anatomy</i> —J. B. Thompson, M.A. ... .. | ...      |
|          | <i>Rural Economy</i> —Sibthorpe Professor, vacant.                                                                                                                           |          |

4. Law.

| Founded. |                                                                                                        | Elected. |
|----------|--------------------------------------------------------------------------------------------------------|----------|
| 1546     | <i>Civil Law</i> —Regius Professor, J. Bryce, D.C.L. ... ..                                            | 1870     |
| 1755     | <i>English Law</i> —Vinerian Professor, A. V. Dicey, M.A., D.C.L. ... ..                               | 1882     |
|          | "    "    Reader, Sir W. R. Anson, Bart.,<br>M.A., B.C.L. ... ..                                       | 1874     |
|          | <i>Roman Law</i> —Reader, Edwin Grueber ... ..                                                         |          |
| 1854     | <i>International Law</i> —Chichele Professor, T. E. Holland,<br>D.C.L. ... ..                          | 1874     |
| 1869     | <i>Jurisprudence</i> —Frederick Pollock, M.A.<br><i>Indian Law</i> —Reader, W. Markby, D.C.L., Merton. |          |

5. Modern History and Political Economy.

|      |                                                                 |      |
|------|-----------------------------------------------------------------|------|
| 1724 | <i>Modern History</i> —Regius Professor, W. Stubbs, M.A. ... .. | 1866 |
| 1854 | "    "    Chichele Professor, M. Burrows, M.A. ... ..           | 1862 |
|      | <i>Indian Law and History</i> —Reader, S. J. Owen, M.A. ... ..  | 1882 |
| 1825 | <i>Political Economy</i> —Professor, Bonamy Price, M.A. ... ..  | 1868 |

6. Fine Arts.

|      |                                                                           |      |
|------|---------------------------------------------------------------------------|------|
| 1626 | <i>Music</i> —Professor, Sir F. A. G. Ouseley, Bart., M.A., D.Mus. ... .. | 1855 |
| 1708 | <i>Poetry</i> —Birkhead Professor, J. C. Shairp, M.A. ... ..              | 1877 |
| 1869 | <i>Fine Art</i> —Slade Professor, J. Ruskin, M.A. ... ..                  | 1882 |
|      | <i>Drawing</i> —Ruskin Master, Alex. Macdonald ... ..                     | 1882 |

7. Languages.

|      |                                                                                                                                                                                                                                                                                         |      |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1636 | <i>Arabic</i> —Laudian Professor, R. Gandell, M.A. ... ..                                                                                                                                                                                                                               | 1861 |
|      | "    "    Lord Almoner's Professor, G. F. Nicholl, M.A. ... ..                                                                                                                                                                                                                          | 1878 |
| 1857 | <i>Anglo-Saxon</i> —Rawlinsonian Professor, John Earle, M.A. ... ..                                                                                                                                                                                                                     | 1876 |
| 1830 | <i>Sanscrit</i> —Boden Professor, Monier Williams, M.A. ... ..                                                                                                                                                                                                                          | 1860 |
| 1877 | <i>Chinese</i> —Professor, James Legge, M.A. ... ..                                                                                                                                                                                                                                     | 1876 |
| 1870 | <i>Celtic</i> —Professor, John Rhys, M.A. ... ..                                                                                                                                                                                                                                        | 1877 |
|      | <i>Hindustani and Persian</i> —Teachers, R. St. John, M.A., and<br>J. T. Platts, M.A. ... ..                                                                                                                                                                                            | 1883 |
| 1878 | <i>Tamil and Telegu</i> —Professor, Thomas Howley, Hon. M.A. ... ..                                                                                                                                                                                                                     | 1878 |
|      | <i>Public Orator</i> —Rev. W. W. Merry, Fellow of Lincoln College.<br><i>French</i> —Taylorian Teacher, J. T. T. Bué, Hon. M.A.<br><i>German</i> —    "    "    A. A. Macdonell, B.A.<br><i>Italian</i> —    "    "    V. de Tivoli, Hon. M.A.<br><i>Spanish</i> —    "    "    Vacant. |      |

Colleges and Halls.

|                              |                                                | Elected.               | Memb.<br>on bks. |
|------------------------------|------------------------------------------------|------------------------|------------------|
| <i>All Souls</i> ... ..      | Sir W. R. Anson, Bt., D.C.L.                   | <i>Warden</i> ... 1881 | 110              |
| <i>Balliol</i> ... ..        | Benj. Jowett, M.A. ... ..                      | <i>Master</i> ... 1870 | 696              |
| <i>Brasenose</i> ... ..      | E. H. Craddock, D.D. ... ..                    | <i>Principal</i> 1853  | 558              |
| <i>Christ Church</i> ... ..  | Very Rev. Henry George<br>Liddell, D.D. ... .. | <i>Dean</i> ... 1855   | 1196             |
| <i>Corpus Christi</i> ... .. | Rev. Thos. Fowler, M.A.                        | <i>President</i> 1881  | 285              |
| <i>Exeter</i> ... ..         | J. P. Lightfoot, D.D. ... ..                   | <i>Rector</i> ... 1854 | 760              |
| <i>Hertford</i> ... ..       | H. Boyd, D.D. ... ..                           | <i>Principal</i> 1877  | 319              |
| <i>Jesus</i> ... ..          | H. D. Harper, D.D. ... ..                      | <i>Principal</i> 1877  | 231              |

D. Oct. / 93



*Colleges and Halls (continued).*

|                   |                           |                                | Elected.                    | Memb.<br>on bks. |
|-------------------|---------------------------|--------------------------------|-----------------------------|------------------|
| <i>D. Aug /84</i> | <i>Keble</i> ... ..       | Edw. S. Talbot, M.A. ...       | <i>Warden</i> 1870 ...      | 394              |
|                   | <i>Lincoln</i> ... ..     | <u>Mark Pattison, B.D.</u> ... | <i>Rector</i> ... 1861 ...  | 326              |
|                   | <i>Magdalen</i> ... ..    | F. Bulley, D.D....             | <i>President</i> 1855 ...   | 466              |
|                   | <i>Merton</i> ... ..      | Hon. G. C. Brodrick, M.A.      | <i>Warden</i> .. 1881 ...   | 350              |
|                   | <i>New College</i> ... .. | J. E. Sewell, D.D. ...         | <i>Warden</i> .. 1860 ...   | 521              |
|                   | <i>Oriel</i> ... ..       | D. B. Monro, M.A. ...          | <i>Provost</i> ... 1874 ... | 383              |
|                   | <i>Pembroke</i> ... ..    | Evan Evans, D.D. ...           | <i>Master</i> ... 1864 ...  | 317              |
|                   | <i>Queen's</i> ... ..     | J. R. Magrath, D.D....         | <i>Provost</i> ... 1878 ... | 530              |
|                   | <i>St. John's</i> ... ..  | J. Bellamy, D.D. ...           | <i>President</i> 1871 ...   | 541              |
|                   | <i>Trinity</i> ... ..     | J. Percival, M.A. ...          | <i>President</i> 1878 ...   | 469              |
|                   | <i>University</i> ... ..  | J. F. Bright, M.A. ...         | <i>Master</i> ... 1881 ...  | 495              |
|                   | <i>Wadham</i> ... ..      | G. E. Thorley, M.A....         | <i>Warden</i> . 1881 ...    | 305              |
|                   | <i>Worcester</i> ... ..   | William Inge, M.A....          | <i>Provost</i> ... 1881 ... | 382              |

*Halls.*

|                                                         |                         |                           |        |
|---------------------------------------------------------|-------------------------|---------------------------|--------|
| <i>St. Edmund</i> ... ..                                | E. Moore, D.D....       | <i>Principal</i> 1864 ... | 915    |
| <i>St. Mary</i> ... ..                                  | D. P. Chase, D.D. ...   | <i>Prncipal</i> 1857 ...  | 90     |
| <i>New Inn</i> ... ..                                   | H. H. Cornish, D.D. ... | <i>Principal</i> 1866 ... | 66     |
| <i>Charsley's</i> (Private)—W. H. Charsley, M.A. ... .. |                         |                           | 38     |
| <i>Turrell's</i> (Private)—H. J. Turrell, M.A. ... ..   |                         |                           | 8      |
| Students Unattached ... ..                              |                         |                           | 377    |
| Total, 1883 ... ..                                      |                         |                           | 10,452 |

By a Statute of the University passed in 1880, any College or Institution within the United Kingdom, or in any part of the British Dominions, being a place of Education in which the majority of the students are of the age of 17 at least, may on certain conditions be admitted to the privileges of an affiliated College. The College or Institution must be incorporated by Royal Charter or otherwise established on a permanent and efficient footing. The effect of this statute reduces the period of Academical residence from 3 years to 2 years.

The Institutions at present admitted to this privilege are—

1880 June 1, St. David's College, Lampeter.

1882 June 15, University College, Nottingham.

THE HOUSE OF CONGREGATION consists of Regents. Doctors of every Faculty and all Masters of Arts are *necessario Regentes* for two years from the end of the Term in which they are admitted to their respective Degrees; and the following, if members of Convocation, are *Regentes ad placitum*: Professors; Doctors of every Faculty resident in the University; Heads of Colleges and Halls, or in their absence their deputies; Masters of the Schools; Censors, and Deans of Colleges.

The business of this House is confined almost exclusively to ratifying the nomination of Examiners by the Vice-Chancellor and Proctors, and to the granting of ordinary Degrees.

HOUSE OF CONVOCATION. This consists of both Regents and Non-Regents. In this House is transacted all the formal business of the

University as a Corporate body, except what is above named as belonging to the House of Congregation.

No Statute is binding until it has received the assent of Convocation.

Matters of special and individual concern, anything which requires immediate provision, payments of money from the University Chest, are settled by Decree of Convocation.

The House of Convocation confers Honorary Degrees and others granted out of the usual course by Diploma or by Decree.

It also decides whether the Seal of the University shall be affixed to any document for whose validity the Seal is requisite.

In Convocation nearly all Elections to offices in the gift of the University take place.

In both the House of Congregation and the House of Convocation the Chancellor or the Vice-Chancellor or his Deputy singly, and the two Proctors together, have the right of veto in all matters except elections; otherwise every question is decided by the majority of votes.

THE CONGREGATION OF THE UNIVERSITY OF OXFORD consists of certain official persons of all those members of Convocation who resided within one mile and a half of Carfax during the year.

The Chancellor or the Vice-Chancellor or one of his Deputies, and the two Proctors or their respective Deputies, preside. No quorum is specified in order to constitute a meeting.

The business of this body is almost entirely confined to legislation. When the Hebdomadal Council has framed any new Statute, it must first be *promulgated*, after due notice, in this assembly, and the question that the principle of the Statute as stated in the Preamble be approved must be then submitted to Congregation.

No right of negative is allowed to the Vice-Chancellors or the Proctors in this assembly, but every question is decided by the majority of votes. A Statute approved by Congregation is to be submitted to Convocation after an interval of seven entire days for final adoption or rejection.

THE HEBDOMADAL COUNCIL consists of certain official and of certain elected members.

The official members are the Chancellor, the Vice-Chancellor, the late Vice-Chancellor for one year after he has ceased to hold office or until the next triennial election, and the two Proctors.

The elected members are six Heads of Colleges or Halls, six Professors, and six members of Convocation. These are elected by the Congregation of the University of Oxford for six years. This Council meets every Monday at 1.30 P.M. in Term time, and whenever convoked by the Vice-Chancellor, and has the initiative in all the legislation of the University.

## UNIVERSITY TERMS.

There are four Terms for academical exercises in each year, but for many Professors' Lectures and some other purposes Easter and Trinity Terms together count as only one.

No provision respecting the standing of Candidates shall be so construed as to debar anyone from offering himself for any Examination held in either Easter or Trinity Term, who might have offered himself had the Examination fallen in the other of those two Terms.

1. MICHAELMAS TERM begins on the 10th of October, and ends on the 17th of December.

2. HILARY (OR LENT) TERM begins on the 24th of January, and ends on the day before Palm-Sunday.

3. EASTER TERM begins on the Wednesday after Easter Day, and ends on the Friday before Whitsun Day.

4. TRINITY (OR ACT) TERM begins on the day before Whitsun Day, and usually ends on the Saturday after the first Tuesday in July, but may be continued beyond that day by Congregation.

If the day fixed for the beginning or end of any Term happen to be a festival, the beginning or end of such Term is deferred till the day after, except only that Easter Term in such case ends the day before.

*Full Term* begins on the Sunday after the first Congregation, that is, on the Sunday after the first day of Term.

Michaelmas and Hilary Terms are kept by six weeks' residence in each, Easter and Trinity Terms either by three weeks' in each, or by forty-eight days' residence in the two Terms jointly.

### UNIVERSITY FEES AND DUES.

The fees to be paid by Students to the University on various occasions are as follows :—

|                                                                                                                                                   | £  | s. | d. |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| 1. At Matriculation,                                                                                                                              |    |    |    |
| A Bible-Clerk, or any one admitted to a College or Hall receiving Tuition and dinner without payment, pays . . . . .                              | 0  | 10 | 0  |
| Every other person . . . . .                                                                                                                      | 2  | 10 | 0  |
| 2. On entering a name before a Proctor                                                                                                            |    |    |    |
| For Responsions . . . . .                                                                                                                         | 1  | 0  | 0  |
| For the First Public Examination, or for Examination under the provisions of <i>Statt. Tit. V. (VI.) Sect. I. B. § 2. cl. 10.</i> . . . . .       | 1  | 10 | 0  |
| For the Examination of Honours in Mathematics at the First Public Examination . . . . .                                                           | 1  | 0  | 0  |
| For the Examination in the Rudiments of Faith and Religion, or in the permitted substitute, at the Second Public Examination . . . . .            | 1  | 0  | 0  |
| For each of the subjects in the Pass School, whether offered separately or together . . . . .                                                     | 0  | 10 | 0  |
| For any Honour School but that of Natural Science . . . . .                                                                                       | 1  | 10 | 0  |
| For the School of Natural Science :                                                                                                               |    |    |    |
| <i>a.</i> For each of the subjects in the Preliminary Honour Examination whether offered separately or together . . . . .                         | 0  | 10 | 0  |
| <i>b.</i> For the Final Honour Examination whether taken separately or together with the subjects in the Preliminary Honour Examination . . . . . | 0  | 10 | 0  |
| Before each Examination in Civil Law or Medicine . . . . .                                                                                        | 1  | 0  | 0  |
| Before each Examination in Music . . . . .                                                                                                        | 2  | 0  | 0  |
| After Examination in Medicine, before supplicating for the Degree of Bachelor of Medicine . . . . .                                               | 9  | 0  | 0  |
| After Examination in Music, before supplicating for the Degree of Bachelor of Music . . . . .                                                     | 7  | 0  | 0  |
| Before each Examination in Preventive Medicine . . . . .                                                                                          | 5  | 0  | 0  |
| For the Certificate of proficiency in the same subject . . . . .                                                                                  | 10 | 0  | 0  |

|                                                                                                               | £  | s. | d. |
|---------------------------------------------------------------------------------------------------------------|----|----|----|
| 3. Before admission to the                                                                                    |    |    |    |
| Degree of B.A. . . . .                                                                                        | 7  | 10 | 0  |
| Degree of M.A. . . . .                                                                                        | 12 | 0  | 0  |
| ———— if B.C.L. or B.M. . . . .                                                                                | 7  | 0  | 0  |
| Degree of B.Mus. . . . .                                                                                      | 5  | 0  | 0  |
| ———— D.Mus. . . . .                                                                                           | 10 | 0  | 0  |
| ———— B.C.L. or B.M. . . . .                                                                                   | 6  | 10 | 0  |
| ———— B.D. . . . .                                                                                             | 14 | 0  | 0  |
| ———— D.M., D.C.L., or D.D. . . . .                                                                            | 40 | 0  | 0  |
| Degrees by Accumulation . . . . .                                                                             | 5  | 0  | 0  |
| Any Degree granted in absence or by Decree of Convoca-<br>tion . . . . .                                      | 5  | 0  | 0  |
| ———— by Diploma . . . . .                                                                                     | 10 | 10 | 0  |
| 4. Before recovery of the right of voting in Convocation when<br>a name has been taken off the College Books, |    |    |    |
| With 21 days' residence . . . . .                                                                             | 10 | 0  | 0  |
| Without such residence . . . . .                                                                              | 20 | 0  | 0  |
| 5. Before Incorporation (besides the fee for Matriculation),                                                  |    |    |    |
| As B.A. . . . .                                                                                               | 8  | 0  | 0  |
| — M.A., B.M., B.C.L., or B.D. . . . .                                                                         | 15 | 0  | 0  |
| — D.M., D.C.L., or D.D. . . . .                                                                               | 40 | 0  | 0  |
| — B.Mus. . . . .                                                                                              | 5  | 0  | 0  |
| — D.Mus. . . . .                                                                                              | 10 | 0  | 0  |

6. Besides these Fees, which are paid in money on the several occasions above mentioned, every Member of the University is charged with the sum of £1 yearly as University Dues. But, in lieu of this annual charge, every one who has been admitted to the degree of M.A., or B.C.L., or B.M. may, through the proper Officer of his College or Hall, compound for all such Dues by payment of

| £  | s. | d. |                                    |    |
|----|----|----|------------------------------------|----|
| 15 | 15 | 0  | if he have not exceeded the age of | 25 |
| 15 | 1  | 0  | ”                                  | 30 |
| 14 | 5  | 6  | ”                                  | 35 |
| 13 | 9  | 0  | ”                                  | 40 |
| 12 | 9  | 6  | ”                                  | 45 |
| 11 | 7  | 0  | ”                                  | 50 |
| 10 | 4  | 0  | ”                                  | 55 |
| 9  | 1  | 0  | ”                                  | 60 |
| 7  | 15 | 6  | ”                                  | 65 |
| 6  | 9  | 0  | ”                                  | 70 |

He will then retain for life all the rights and privileges belonging to his Degree, provided he keeps his name on the books of some College or Hall, or upon the Register of Unattached Students, but not otherwise.

## DEGREES.

(Taken from the *Examination Statutes of the University.*)

THE DEGREES conferred by the University upon Students are those of BACHELOR and MASTER in ARTS, and of BACHELOR and DOCTOR in MUSIC, and in the three superior faculties of MEDICINE, CIVIL LAW, and DIVINITY. Sometimes, but very rarely, Degrees are granted out of the ordinary

course, by DECREE of CONVOCATION, or by DIPLOMA, to persons who have not, as well as to persons who have, been previously Members of the University ; and less rarely they are given *honoris causa* without the full rights which ordinarily belong to them.

#### RESIDENCE FOR DEGREES.

Twelve Terms of Residence are required for the Degree of Bachelor of Arts. No further residence is necessary for any other Degree.

#### TIME REQUIRED FOR DEGREES.

##### *In Arts.*

1. For the Degree of Bachelor of Arts twelve Terms are required, which must be Terms of residence.

2. A Bachelor of Arts can proceed to the Degree of Master in the twenty-seventh Term from his Matriculation, provided he has had his name on the Books of some College or Hall or upon the Register of the Delegates of Unattached Students for a period of Twenty-six Terms.

##### *In Music.*

1. No residence or Academical standing is required for the Degree of Bachelor of Music.

2. A Bachelor of Music wishing to proceed to the Degree of Doctor, must produce a certificate signed by two or more trustworthy persons that he has been studying or practising Music for five years from his admission to his present Degree.

##### *In Medicine.*

1. Any person who has been admitted to the Degree of Bachelor of Arts may be admitted to the Degree of Bachelor of Medicine in the twenty-seventh Term from his Matriculation.

A Bachelor of Medicine may be admitted to the Degree of Master of Arts, and yet retain his former Degree.

2. A Bachelor of Medicine may proceed to the Degree of Doctor at the end of three years from his admission to the Degree of Bachelor.

##### *In Civil Law.*

1. Any person who has been admitted to the Degree of Bachelor of Arts may be admitted to the Degree of Bachelor of Civil Law in the twenty-seventh Term from his Matriculation.

A Bachelor of Civil Law may be admitted to the Degree of Master of Arts, and yet retain his former Degree.

2. A Bachelor of Civil Law may proceed to the Degree of Doctor at the end of five years from his admission to the Degree of Bachelor.

##### *In Divinity.*

1. A Master of Arts may be admitted to the Degree of Bachelor of Divinity at the end of three years from his admission to Regency.

2. A Bachelor of Divinity may proceed to the Degree of Doctor at the end of four years from his admission to the Degree of Bachelor.

#### EXAMINATIONS AND EXERCISES FOR DEGREES, AS TAKEN FROM THE STATUTES OF THE UNIVERSITY.

##### *In Arts.*

Candidates for the Degree of B.A. are required to pass three distinct Examinations, I. RESPONSIONS (no one need pass Responsions who has



passed the Previous Examination at Cambridge or has satisfied the Examiners appointed by the Delegates for the Examination of Schools in Greek, in Latin, and in Elementary Mathematics) before the MASTERS OF THE SCHOOLS, II. the FIRST PUBLIC EXAMINATION before the MODERATORS, III. the SECOND PUBLIC EXAMINATION before the PUBLIC EXAMINERS.

### I. RESPONSIONS :

There are six MASTERS OF THE SCHOOLS, nominated yearly in Convocation. They must be Masters of Arts or Bachelors of Civil Law or of Medicine at the least. No one who has held the office for two years together can be nominated again till after a year's interval, and no Master of the Schools can be either a Moderator or a Public Examiner at the same time.

Responsions are held three times every year. Every Candidate must be examined in Latin and Greek Grammar, Latin Prose Composition, one Latin and one Greek author, Arithmetic, and the elements of either Geometry or Algebra.

The Examination is conducted partly in writing, partly *viva voce*. In the written part of the Examination, questions are given in Grammar, in Arithmetic, and in Euclid's Elements, Books I. and II., or Algebra ; a passage is set for translation from English prose into Latin ; and each Candidate has to construe and answer questions from the books which he offers. Every Candidate who passes to the satisfaction of his Examiners receives from them a certificate to that effect, commonly called a *Testamur*. After the Examination is ended a list is printed of all those who have satisfied the Masters of the Schools.

### II. FIRST PUBLIC EXAMINATION :

There are thirteen Moderators, viz. in the Classical Schools ten [four to examine Candidates for Honours, and six to examine those who do not seek Honours], in the Mathematical School three. These are nominated by the Vice-Chancellor and the two Proctors severally in succession, subject to the approval of Congregation and of Convocation. If members of the University, they must be at least M.A. or B.C.L. or B.M. ; or they may be persons not members of the University.

In the Pass School Candidates are admitted as early as their fourth Term ; in the Honour Schools only from their fifth Term to their eighth inclusively.

The Examination, held twice a year, begins on the 23rd of November or if this be Sunday, on the 24th, and on the third Friday before the Commemoration.

After the Examination is ended a list is printed containing the names of (1) those who have gained Honours in Classics, (2) those who have gained Honours in Mathematics, (3) those who have satisfied the Moderators.

Candidates who do not seek Honours are examined in—

1. The Greek Text and the contents of the Holy Gospels.
2. Portions of at least Three Greek and Latin authors of the best age (two Greek and one Latin, or one Greek and two Latin) ; one at least being a portion of a historical or a philosophical work :
3. *Either* the Elements of Logic, Deductive and Inductive, *or* the Elements of Geometry and of Algebra :
4. Latin Prose :
5. Translation of short passages from Greek and Latin books not specially offered.

All Candidates who seek Honours in Classics are examined in—

1. The Greek Text and the contents of the Holy Gospels :
2. Translation of unprepared passages, both Greek and Latin :
3. Latin Prose :
4. Not less than five Greek and Latin authors, to be selected from the list issued by the Board of Studies under the conditions published therewith.

Papers are also set in the following subjects:—

1. Greek Prose.
2. Latin Verse.
3. Greek Verse.
4. The elements of Comparative Philology, especially as applied to the illustration of Greek and Latin inflexions.
5. The history of the Greek Drama, with Aristotle's Poetics, except ch. 20 and 25 ; or as an alternative,  
The general history of Roman Poetry to the end of the Augustan Age, with Hor. Epist. II. 1.
6. The elements of Deductive Logic with  
*either* Magrath's Selections from the Organon, §§ 3-6 ; 22-33 ; 36-47 ; 50-53 ; 61-66 ; 68 and 1st paragraph of 69 ; 105-112 ; 118-127 ; *or*, such portions of Inductive Logic as are contained in Mill's Logic, Book iii., ch. 1-4, 6-8, 10-12, and 20.

The Examination of Candidates for Honours in Mathematics begins Michaelmas Term on the 18th of December (or if this be Sunday, on the 19th), and in Trinity Term on the day after the Commemoration.

Candidates may offer themselves in a different Term from that in which they are examined in Classics.

The subjects of Examination are :—

(1) Algebra and the Theory of Equations ; (2) Trigonometry ; (3) Plane Geometry, including the Conic Sections, treated both geometrically and analytically ; (4) Geometry of Three Dimensions ; (5) The Differential Calculus ; (6) The Integration of Differential Expressions with Geometrical applications ; (7) The Elements of the Calculus of Finite Differences.

### III. SECOND PUBLIC EXAMINATION :

Every Candidate must pass the Examination in the Rudiments of Faith and Religion, as well as in *either* the Pass School *or* one of the six Honour Schools.

There are twenty-six PUBLIC EXAMINERS divided among seven Schools, six in the PASS SCHOOL, five in the School of LITERÆ HUMANIORES, three in each of the Schools of MATHEMATICS, NATURAL SCIENCE, JURISPRUDENCE, MODERN HISTORY, and THEOLOGY.

There are six Examiners in the Rudiments of Faith and Religion, designated by the Vice-Chancellor and Proctors conjointly from among those who either are or have been Public Examiners.

The Examination is held twice every year, and begins on the 16th Nov., and on the fourth Friday before the Commemoration. Each Candidate, in person or through his Tutor, must put down his name with the Senior Proctor, give in a list of his books and subjects, and exhibit his Matriculation Paper and the *Testamur* of the Moderators—(1) on the 7th or 8th Nov., (2) on the fifth Thursday or Friday before the Commemoration.

In the Pass School and for the Preliminary Examination in the Natural Science School Candidates are admitted as soon as they have satisfied the

Moderators ; in the Honour Schools only from their twelfth Term to their sixteenth inclusively ; to the Examination in the Rudiments of Faith and Religion at any time after the beginning of their twelfth Term.

After the Examination is ended a list is printed containing the names of those who have gained Honours in the various Schools, and of those who have satisfied the Examiners in the Rudiments of Faith and Religion and in each Group of the Pass School.

In the **RUDIMENTS OF FAITH AND RELIGION** the subjects of Examination are :—

1. The Books of the Old and New Testaments, the Four Gospels and the Acts of the Apostles being required in the original Greek.
2. The Thirty-nine Articles of Religion.

In the **PASS SCHOOL** the subjects of Examination are arranged in three groups :

1. Two Books, either both Greek, or one Greek and one Latin, one of such Books being some portion of a Greek philosophical work, and the other a portion of a Greek or Latin historian ; the Outlines of Greek and Roman History, with a special period of one or the other, and English Composition.
2. Either English History and a period or subject of English Literature or a period of Modern European History with Political and Descriptive Geography ; together (in each case) with English Composition ; a Modern Language, either French or German, including composition in the language, and a period of its Literature ; the Elements of Political Economy ; a branch of legal study.
3. The Elements of Geometry, including Geometrical Trigonometry ; The Elements of Mechanics, Solid and Fluid ; The Elements of Chemistry ; The Elements of Physics.

Each Candidate is examined in three subjects, of which not more than two may be taken from any one of these three Groups. The Examination in each of the three subjects may be passed in a separate Term.

In the **HONOUR SCHOOL OF LITERÆ HUMANIORES** the *stated* subjects of Examination are :—

1. The Greek and Latin languages :
2. The histories of ancient Greece and Rome :
3. Logic and the Outlines of Moral and of Political Philosophy, at least two treatises thereon by ancient authors to be offered. The writings of Modern Philosophers are admitted but not required.

All Candidates must translate the Greek and Latin books which they offer, as well as passages from other books not specially offered. Passages will be set for translation into Greek and Latin Prose. Questions will also be set in the general results of the Science of Language with especial reference to Greek and Latin.

All Candidates must offer a period of Greek and a period of Roman History. In Greek History *either* To the end of the Peloponnesian War, *or* From B.C. 500 to the death of Philip : In Roman History *either* From the beginning of the 1st Punic War to the Battle of Actium, *or* From the end of the 3rd Punic War to the accession of Vespasian.

Any Candidate, who shall not present himself for Examination as soon as he is of standing to do so, or who shall not have gained Honours, may offer

at any future Examination the same special subjects which he then offered or might have offered.

In the HONOUR SCHOOL OF MATHEMATICS the subjects of Examination are:—

*Pure Mathematics.* (1) Algebra; (2) Trigonometry, plane and spherical; (3) Geometry of two and three dimensions; (4) Differential Calculus; (5) Integral Calculus; (6) Calculus of Variations; (7) Calculus of Finite Differences; (8) Theory of Chances.

*Mixed Mathematics.* (1) Mechanics of Solid and Fluid Bodies; (2) Optics, Geometrical and Physical; (3) Newton's Principia, Sections I., II., III., and parts of IX. and XI.; (4) Astronomy, including the more elementary parts of the Lunar and Planetary Theories.

In the HONOUR SCHOOL OF NATURAL SCIENCE Candidates have to pass both a Preliminary and a Final Examination: these need not be passed in the same Term, and a Candidate may offer himself for the Preliminary Examination as soon as he has passed the First Public Examination.

The Preliminary Examination is compulsory upon all in this School, and is restricted to the more elementary parts of (1) Mechanics and Physics, (2) Chemistry, with a simple practical examination in this subject at least; but these two divisions of the examination need not be passed in the same Term.

In the Final Examination a Candidate may offer one or more of the three subjects, Physics, Chemistry, Biology; and in each the Examination is partly practical. The following special subjects may be offered as supplementary to one or more of the three before named: (1) Crystallography and Mineralogy, (2) Geology and Palæontology, (3) Zoology, (4) Botany.

In the HONOUR SCHOOL OF JURISPRUDENCE the Examination includes (1) General Jurisprudence, (2) History of English Law, (3) Roman Law, (4) English Law, (5) International Law.

In the HONOUR SCHOOL OF MODERN HISTORY the Examination included the following subjects:—

I. The History of England to the Accession of Queen Victoria.

II. One of the following periods of General History, to be studied in the best modern writers:—(1) A.D. 476—1272; (2) A.D. 1000—1519; (3) A.D. 1328—1648; (4) A.D. 1643—1815.

III. (In the case of those Candidates who aim at a place in the First or Second Class) a special portion of History or a Historical subject, carefully studied with reference to original authorities.

1. Candidates proposing to offer any other Historical subject or portion of History must give notice six months before the Examination, and obtain the approval of the Board of Studies. Every application by a Candidate proposing to offer a special subject or period not included in the list suggested by the Board of Studies must be accompanied by a statement of the books, documents, and other authorities which the Candidate proposes to use.

2. The History of the Law of Real Property or The General History of International Law (to be studied as for the School of Jurisprudence) may be substituted for the special portion of History, or Historical subject required.

3. In the case of a Candidate offering a special subject or portion of History, other than the above suggested subjects or portions numbered 4 and 5, such special subject or portion must fall within the period of General History offered by him.

All Candidates will be required to have a knowledge of Political Economy to Constitutional Law, and of Political and Descriptive Geography.

In the HONOUR SCHOOL OF THEOLOGY the Examination includes the following subjects :—

(1) The Holy Scriptures; (2) Dogmatic and Symbolic Theology; (3) Ecclesiastical History and the Fathers; (4) The Evidences of Religion; (5) Liturgies; (6) Sacred Criticism, and the Archæology of the Old and New Testaments.

The Books of the New Testament are to be studied in the Greek text. The History of the Church and of the Liturgies is to be studied with reference to original authorities.

Elementary knowledge of Hebrew has some weight, advanced knowledge great weight, in the distribution of Honours.

No Candidate will obtain Honours unless, in addition to a competent knowledge of the contents of the Old and New Testaments, he shall have given proof of diligent study of the Epistles of St. Paul, and also of *either* Dogmatic Theology, *or* Ecclesiastical History, *or* the Evidences of Religion, *or* Liturgies, *or* Hebrew.

For the Degree of Master of Arts no further Examination or Exercise is required.

#### *In Music.*

1. Candidates for the Degree of B. Mus. are required to pass two Examinations and to compose a piece of Music.

The first Examination is held once a-year in Hilary Term, and is conducted partly in writing, partly *viva voce*, in Harmony and Counterpoint in not more than four parts.

Before presenting himself for this Examination every Candidate must show to the Professor of Music *either* his *Testamur* for Responsions, *or* a Certificate from the Delegates for the Examination of Schools; *or* a Certificate must be procured from the Delegates of Local Examinations that he has satisfied them in English, in Mathematics, in Latin, and in one of these four languages, Greek, French, German, Italian.

The second Examination is held also once a-year in Michaelmas Term, and is conducted partly in writing, partly *viva voce*, in five-part Harmony and Counterpoint, in the History of Music, in the use of musical instruments, and in the form and structure of the works of such distinguished composers as shall be designated by the Professor of Music. Before any candidate can present himself for this second Examination, he must not only produce the *Testamur* of having passed the first Examination, but Must also have submitted for the approval of the Examiners a piece of music in five-part harmony with an accompaniment for at least five stringed instruments; together with a written assurance that the whole of this piece of Music is of his own composition. A copy of the exercise must be deposited in the Music School.

The Examiners are the Professor of Music, the Choragus, and some other Graduate nominated by the Vice-Chancellor and Proctors, and approved by Convocation.

2. A Bachelor of Music wishing to proceed to the Degree of Doctor is required both to pass an Examination conducted wholly in writing by the Examiners above mentioned, and previously to compose a piece of Vocal Music of eight parts with an accompaniment for a full orchestra; lastly the exercise is to be performed in public, and a copy of it to be deposited in the Music School.



*In Civil Law.*

1. Candidates for the Degree of B.C.L. must pass an Examination which held once a-year in Trinity Term, and conducted by the Regius Professor of Civil Law, the Vinerian Professor, the Chichele Professor of International Law, the Corpus Professor of Jurisprudence (or some or one of them), and the Examiners in the Honour School of Jurisprudence. The Examination includes (1) Jurisprudence, general or comparative, (2) Roman Law, (3) English Law, (4) International Law: it is partly in writing, partly *viva voce*; Honours may be obtained in it by any who have not exceeded the twenty-fourth Term from their Matriculation.

Every Candidate must give in his name to the Superior Bedel of the Faculty of Law seven days at least before the Examination, together with certificates of his Matriculation and of his having been admitted to the Degree of Bachelor of Arts. He must also give notice to the Regius Professor of Civil Law of the particular subjects he offers four weeks at least before the first day of Trinity Term.

2. A Bachelor of Civil Law wishing to proceed to the Degree of Doctor is required to read publicly within the precinct of the Schools in the presence of the Regius Professor a Dissertation composed by himself on some subject pertaining to Civil Law approved by the Professor, and to deliver to him a copy of it.

*In Medicine.*

1. Candidates for the Degree of B.M. are required to pass two Examinations, each of which is held yearly in full Michaelmas Term, usually in November, the first by the Regius Professor of Medicine and three persons who have been admitted to Regency either as Masters of Arts or as Doctors, and who are nominated yearly by the Vice-Chancellor subject to the approval of Convocation, the second by the Regius Professor and two Doctors of Medicine nominated in like manner. Each Examination is conducted partly in writing, partly *viva voce*, and part of each is practical. The subjects of the first Examination are Human Anatomy and Physiology, Comparative Anatomy and Physiology to a certain extent, and those parts of Mechanical Philosophy, Botany, and Chemistry which illustrate Medicine. The subjects of the second Examination are the Theory and Practice of Medicine (including diseases of women and children), the *Materia Medica*, Therapeutics, Pathology, the principles of Surgery and Midwifery, Medical Jurisprudence, and General Hygiene. Every Candidate at this second Examination is to be examined in two of the ancient authors, Hippocrates, Aretæus, Galen, and Celsus, or in one of those four and in some modern author approved by the Regius Professor.

Before a Candidate is admitted to the first of these two Examinations, he must have completed eight Terms from the date of his *Testamur* in one of the Schools at the Second Public Examination for the Degree of B.A.; unless he was placed in the First or Second Class in the School of Natural Science, in which case, if he received from the Public Examiners a special Certificate of his attainments in Mechanical Philosophy, Chemistry, Botany, or Biology, he may be admitted to this Examination at once, and need not then be examined again in any Science specified in such Certificate. Before a Candidate is admitted to the second Examination, he must have completed sixteen Terms from the date of the same *Testamur* and eight Terms from the date of his *Testamur* in the first Medical Examination, and must

deliver to the Regius Professor satisfactory Certificates of his attendance at some Hospital of good repute. Everyone intending to be a Candidate at either Examination is required to give the Professor notice of his intention a fortnight at least before the week in which the Examination is to be held.

2. A Bachelor of Medicine wishing to proceed to the Degree of Doctor is required to read publicly within the precinct of the Schools in the presence of the Regius Professor a Dissertation composed by himself on some Medical subject approved by the Professor, and to deliver to him a copy of it.

*In Preventive Medicine.*

An Examination, open only to those who have obtained the Degree of B.M. in the University of Oxford, is held yearly in Michaelmas Term in subjects bearing on Preventive Medicine and Public Health (Hygiene, Sanitary Law, Sanitary Engineering, and Vital Statistics).

The Examiners are the Regius Professor of Medicine, and four other persons (not necessarily members of the University), appointed by the Vice-Chancellor, subject to the approval of Convocation.

Certificates of proficiency are granted to those who pass this Examination.

*In Divinity.*

1. A Candidate for the Degree of Bachelor of Divinity is required to read before the Regius Professor in the Divinity School two Dissertations upon subjects previously approved by the Professor.

No one can be admitted to the Degree without exhibiting his Letters of Priest's Orders, or a Certificate from the Registrar of the diocese where he was ordained stating that he had obtained them.

2. A Bachelor of Divinity wishing to proceed to the Degree of Doctor is to read in the Divinity School three exegetical Lectures upon portions of Holy Scripture.

A Master of Arts who has completed fifteen years from his admission to Regency may, with the consent of Convocation, take the two Degrees in Divinity *by accumulation*, that is, both at the same time, doing the Exercises for one of the two only, whichever he may choose.

DECLARATION ON TAKING DEGREES.

Before admission to the Degree of M.A., D.M., D.C.L., B.D., or D.D., each person is required to promise that he will observe the Statutes, Privileges, Customs, and Liberties of the University, and will act faithfully, creditably, and honestly in the two Houses of Congregation and Convocation, especially in all that concerns Graces for Degrees and in Elections. Candidates for the Degree of B.D. or D.D. have also to make and subscribe a Declaration of Assent to the XXXIX Articles and to the Book of Common Prayer.

Candidates for any other Degree are merely admonished that they are bound to observe the Statutes, Privileges, Customs, and Liberties of the University.

DEGREES GRANTED TO ABSENT PERSONS.

A Bachelor of Arts, or of Civil Law, or of Medicine, resident in any British Colony, may have the Degree of Master of Arts, or of Doctor of any of the three superior faculties, conferred upon him in his absence. For

this purpose, he must of course attain the standing requisite for each Degree, and obtain the Grace of his College or Hall or of the Censors of unattached Students; he must transmit letters testimonial of his good conduct and character, signed, if he be in Holy Orders, either by the Bishop or the Archdeacon of the colony, or, if he be a layman, by either the Bishop, the Archdeacon, or the Governor of the colony, or by a Judge in the Supreme Court of it; and, if he desire the Degree of Doctor of Civil Law or of Medicine, he must compose the requisite Dissertation and send it to the Regius Professor of the faculty; or, if he desire the Degree of Doctor of Divinity, he must compose two Dissertations on some theological subject proposed to him by the Regius Professor of Divinity, and his Dissertations must be approved by the Professor; a Candidate for either Degree in Divinity must also transmit to the Vice-Chancellor satisfactory proof that he has subscribed the Declaration of Assent.

### INCORPORATION.

Members of the Universities of Cambridge or Dublin may be incorporated, that is, received as members of this University at their own standing or Degree, provided they have kept as much residence in their own University as would have been required of them here. An Undergraduate can count no Term except one kept by a residence of six weeks. A Graduate must have kept nine Terms by a residence of at least the greater part of each of them before he was admitted to his first Degree. Graduates in Divinity incorporating are required to subscribe the Declaration of Assent. Graduates in Law and Medicine can be incorporated only upon passing the Examinations in those Faculties respectively, and they must also have passed at their own Universities all the Examinations required for the B.A. Degree. No Graduate in any Faculty can be incorporated without the express consent of the Hebdomadal Council.

### EXTENSION OF UNIVERSITY TEACHING.

In a congregation held in March, 1878, the following forms of statute, the preambles of which were approved by Congregation and to which no amendments had been proposed, were submitted to the House and approved.

*Nemoine contracidente*.:—Whereas it is expedient that the University should take part in the extension of University teaching to large towns in England and Wales, the University enacts as follows: in Statt. Tit. xix., iv. (p. 284, ed. 1877) the following sub-section shall be added:

Sec. 4. Of the establishment of lectures and teaching in the large towns of England and Wales:

(1) The Delegates shall receive proposals for the establishment of lectures and teaching in large towns of England and Wales, and shall be authorised to appoint lecturers and examiners for carrying out such proposals.

(2) The Delegates shall also be authorised in cases where lectures and teaching have been or may hereafter be by local bodies, to appoint representatives out of their own number to co-operate with such local bodies in such manner as may seem to the Delegates advisable, provided that in every case in which the Delegates propose so to co-operate with local bodies, the sanction to such co-operation shall have been previously given by decree.

(3) The Delegates shall appoint a Secretary for the purpose of this sub-section, who shall receive a stipend from the University Chest, to be fixed

from time to time by the Vice-Chancellor and Proctors. But the expense of lectures and examinations shall not be defrayed out of the University funds.

(4) This sub-section shall remain in force until Jan. 1st, 1884.

## SCHOLARSHIPS AND FELLOWSHIPS.

**Craven Scholarships**, founded in 1647 by Lord Craven, now consist at Oxford of 6, of 80*l.* per ann. each, tenable 3 years. Two scholars are elected in Act Term, who must have passed the Second Public Examination in Greek and Latin at least in one school, and not have gone beyond their twenty-fourth Term since Matriculation.

**Radcliffe's Travelling Fellowships**, founded by Dr. Radcliffe (founder of the Radcliffe Library), in 1714, now consist of 3, of 200*l.* per ann., tenable for 3 years. Candidates must have passed all the Examinations required for B.A. Degree, must have been placed in the First Class in School of Natural Science, must declare they intend to graduate in Medicine at Oxford University, and must travel abroad for the study of Medicine.\*

**Vinerian Fellowship and Scholarships**, founded by Viner, now consist of one Fellowship of 100*l.* per ann., and 5 scholarships of 35*l.* per ann. each, all elected for five years—the Fellows by Convocation, the Scholars by a Board appointed for the purpose. A Candidate for the Fellowship must be unmarried, a member of the University, a M.A. or B.C.L., and be or have been called to the Bar. A Candidate for the Scholarship must be unmarried, a member of the University for 24 calendar months previously, and not have matriculated more than 6 years.

**Dean Ireland's Scholarships**, founded in 1825, now consist of 4 of 30*l.* per ann. each, of which one is bestowed annually in Lent Term, after an examination in Classics, upon an Undergraduate who has not exceeded his sixteenth Term.

**Eldon Law Scholarship**, founded in 1830 by public subscription, in honour of Lord Eldon, consists of one Scholarship for 3 years. Candidates must be members of the University and of the Church of England, have obtained B.A. Degree, have been rated in the First Class in one branch at least of B.A. Examination, and must intend to follow legal profession.

**Boden Scholarships**, founded by Col. Boden, 1830, consist of 4 of 50*l.* per ann., one awarded yearly in Lent. Candidates must be under 25, and show some proficiency in Sanscrit language and literature.

**Mathematical Scholarships**, founded in 1831, now consist of 2 of 30*l.* per ann. each, tenable for 2 years, and 20*l.* extra from the Johnson fund to senior scholars for one year.

**Kennicott Scholarship**, founded by the widow of Dr. Kennicott, in 1803, for the promotion of study of Hebrew, consists of but one Scholarship of 144*l.* for one year. Candidates must be B.A., and not have exceeded 28 Terms from Matriculation.

**Pusey and Ellerton Scholarships**, founded in 1832 to promote "sound theology through a solid and critical knowledge of Hebrew," consist of 3 Scholarships of 50*l.* per ann. each (one elected annually); tenable for 3 years. Candidates must be members of University, and under 25 years old.

\* Since 1867, Candidates must also obtain, after competition, some University Prize or Scholarship.



DENYER AND JOHNSON SCHOLARSHIPS consist of 3 (in all 110*l*.) annually for one year, awarded to B.A.'s, between their nineteenth and twenty-seventh Term, who are the three best who pass examinations in Divinity.

HERTFORD SCHOLARSHIPS, founded in 1834, consist of one Scholarship of 33*l*., tenable for one year, by the Student who obtains it by free competition and public examination, for proficiency in Latin. Candidates must not have completed their second year from Matriculation.

TAYLOR'S SCHOLARSHIPS, founded in 1857, consist of 4 of 25*l*. per ann. for 2 years, for proficiency in Modern Languages. Candidates must not be over 24 years.

BURDETT-COUTTS SCHOLARSHIPS, founded in 1860, consist of 2 of 75*l*. per ann. each, tenable for 2 years. Candidates must have passed Examination in School of Natural Science, have not completed sixth year from Matriculation, and be proficient in Geology and Natural Science bearing on Geology.

Two Scholarships recently founded, viz. :—1. An open scholarship in Pembroke College, endowed with a stipend of 100*l*., together with the residue of the interest of the sum invested, which will amount to about 15*l*. a year, and is to be expended in the purchase of books. 2. A scholarship limited to persons born in Guernsey or Jersey, or educated for two out of the three years last past at Elizabeth College, Guernsey, or at Victoria College, Jersey. The examination will be classical.

#### PRIZES.

THE CHANCELLOR'S PRIZES, instituted by the Earl of Lichfield, Chancellor of the University, 1762-72, consist of 3 prizes of 20*l*. each, given annually for Latin Verse, to those who have not exceeded 7 years from Matriculation and not less than 4 years standing ; Latin Prose, and English Prose, to members who have not exceeded 4 years since Matriculation.

SIR R. NEWDEGATE'S PRIZE, founded in 1806, consists of 21*l*., given annually for the best composition in English Verse, under same restrictions as the Chancellor's Prize.

ELLERTON PRIZE ESSAY, instituted in 1825 by Dr. Ellerton, consists of an annual gift of 21*l*. for the best Theological Essay to B.A.'s between their sixteenth and twenty-eighth Terms.

SACRED PRIZE POEM, IN ENGLISH. A prize is awarded triennially to the best composition of this kind, relating to some subject previously announced by the authorities. Open to B.A.'s.

ARNOLD'S PRIZE ESSAY, founded in 1850, in memory of Dr. Arnold, of Rugby, has awarded to it annually a sum of 42*l*. The subject, announced previously, relates to some incident in Ancient and Modern History, and is open to all Graduates who have not exceeded their eighth Term.

STANHOPE PRIZES, instituted in 1855 by Earl Stanhope, relates to some historical incident between 1300-1815, indicated by the authorities. Open to all Undergraduates who have not entered their seventeenth Term. The prizes given in books of the value of 20*l*.

GAISFORD PRIZES, founded in memory of Dr. Gaisford, in 1856, are awarded to the best compositions in Greek prose and verse,—one prize of about 18*l*. to each.

JOHNSON PRIZE, founded in 1862, in memory of M. J. Johnson, M.A., consists of a gold medal, value Ten Guineas, awarded once in 4 years for an essay on some Astronomical or Meteorological subject announced 2 years previously. Open to all Members of University.



**HALL AND HALL-HOUGHTON PRIZES.**—In 1868 and 1870, the Rev. John Hall, B.D., Canon of Bristol Cathedral, and the Rev. John Houghton, M.A., of Pembroke College, presented a sum of 4,500*l.*, as a fund for 4 prizes—one of 20*l.* and one of 30*l.*, called “Canon Hall Greek Testament Prizes,” and two, one of 25*l.* and one of 15*l.*, called the “Hall-Houghton Septuagint Prizes.”

**MARQUIS OF LOTHIAN’S HISTORICAL PRIZE.**—In 1870, this prize of 40*l.* annually was instituted for the best essay on any point of Ancient Foreign History, whether secular or ecclesiastical. Open to all members who have not exceeded the twenty-seventh Term from their Matriculation.

**THE CONINGTON PRIZE.**—This was raised by voluntary contributions in order to found a prize in memory of John Conington, M.A., Corpus Professor of Latin. The prize is to be offered once in every three years, for a Dissertation either in English or in Latin (optional) on some subject bearing upon classical learning. The prize is open to all members of the University who shall have passed all Examinations for the B.A. Degree. The Trustees will appoint three Judges to award the prize.

**THE COBDEN PRIZE.**—The University has accepted an annual prize of 20*l.* given by the Cobden Club for an essay on some subject connected with Political Economy. The prize is open to members of the University who have not exceeded twenty-eight Terms from their Matriculation. The prize is to be awarded to the essay which shall show the greatest amount of literary merit, together with the greatest knowledge of the subject proposed.

A PRIZE has recently been instituted for the best essay on International Law.

## COLLEGES.

**ALL SOULS’ COLLEGE**, founded in 1437, by Henry Chichele, Archbishop of Canterbury, possesses 30 Fellowships, the 2 Chichele Professorships, and 4 Bible Clerkships. It has 19 Benefices in its gift. Warden: Sir W. Reynell Anson, Bart., D.C.L., elected in 1881.

**BALLIOL COLLEGE**, founded about 1265 by the parents of John Balliol, King of Scotland, possesses 11 Fellowships, 13 Scholarships of about 75*l.* per ann., and 5 of 60*l.* per ann., besides many Exhibitions. 20 benefices in gift. Master: The Rev. B. Jowett, M.A., elected 1870.

**BRASENOSE COLLEGE**, founded in 1509 by William Smith, Bishop of Lincoln, and Sir Richard Sutton; possesses 20 Fellowships, all open, besides numerous Scholarships and Exhibitions, mostly tenable for 5 years, and ranging in value to upwards of 60*l.* per ann. It has also upwards of 50 benefices under its patronage and influence. Principal: The Rev. Edward H. Cradock, D.D., elected 1853.

**CHRIST CHURCH**, founded originally by Cardinal Wolsey in 1526; in 1546 made the seat of the Episcopal See of Osney, by Henry VIII., and constituted the Cathedral Church of Christ in Oxford. It possesses 6 Canonries and 80 Studentships, 28 of which are called Senior and 52 Junior Studentships, the former being equivalent to Fellowships, the latter to Scholarships; and of these latter 21 are confined to Westminster School, all the others being open. It has nearly 100 benefices in its gift. Dean: The Very Rev. Henry George Liddell, D.D., elected 1855.

**CORPUS CHRISTI COLLEGE**, founded in 1516 by Richard Fox, Bishop of Winchester, possesses 20 Fellowships and 24 Scholarships, all open, the latter of the value of 80*l.* per ann., besides rooms, and tenable for 5 years.

It has 22 benefices in its gift, and 60 resident members in 1882. President : Rev. T. Fowler, M.A., elected in 1881.

EXETER COLLEGE, founded in 1314, by Walter de Stapledon, Bishop of Exeter, now possesses 15 Fellowships, all open, and 22 Scholarships, 10 open, besides numerous Exhibitions, chiefly connected with Public Schools, and described herein therewith. Exeter College has 16 benefices in its gift, and 170 resident members in 1882. Rector : The Rev. John Prideaux Lightfoot, D.D., elected 1854.

HERTFORD COLLEGE. About the year 1282, Elias de Hertford converted into a Hall for Students certain premises in Oxford, and afterwards they became known by the name of Hertford Hall or Hart Hall, and in 1740 it was incorporated by charter ; but the College was dissolved in 1805, and re-constituted in 1874. The College consists of a Principal, 19 Fellows, and 40 Scholars. Endowment for 15 Fellowships and 30 Scholarships. The Scholarships are of the annual value of 100*l.*, and are tenable for 5 years ; there are also Exhibitions and sundry Lectureships. Principal : The Rev. H. Boyd, D.D., elected in 1877.

JESUS COLLEGE, founded in 1571, by Queen Elizabeth, on the petition of Dr. Hugh Price, Treasurer of S. David's, its first endower, consists of 16 Fellowships, to be reduced to 13, whereof a part will consist of Welsh Fellowships, and the rest be open. It will have 22 Scholarships, 20 Welsh and 2 open, and numerous Exhibitions of 40*l.* per ann., tenable for 5 years. 20 benefices in gift. Principal : The Rev. Hugo D. Harper, D.D., elected 1877.

KEBLE COLLEGE.—This College was built by subscription as a memorial to the late Rev. John Keble, some time Fellow and Tutor of Oriel College, and Professor of Poetry in the University. The College was founded in 1870 for “providing persons desirous of academical education, and willing to live economically, with a College wherein sober living and high culture of the mind may be combined with Christian training based upon the principles of the Church of England.” The cost of tuition, rent, and food at this College is about 50*l.* per annum. Mrs. Hunt, late of Wonham, Godalming, has bequeathed the patronage and right of presentation to the Church of the Ecclesiastical District of Allhallows, Southwark, to the trustees of Keble College, Oxford. She also leaves 12,000*l.* to her trustees to apply in their discretion, in such manner as will best promote the spiritual welfare of the same ecclesiastical districts. Warden : The Rev. E. S. Talbot, M.A., elected 1867.

LINCOLN COLLEGE, founded in 1427 by Richard Fleming, Bishop of Lincoln, consists of a Rector, 10 Fellows, and 16 Scholars, nearly all of whom are now elected by open competition. 9 benefices in gift. Rector : The Rev. Mark Pattison, B.D., elected 1861.

MAGDALEN COLLEGE, founded in 1458 by William of Waynflete, Lord High Chancellor, consists of a President, 30 Fellows, 40 Scholars, called Demies, all elected by open competition. It has also 20 Exhibitions, and supports the 4 Waynflete Professors. 41 benefices in gift. President : The Rev. Frederic Bulley, D.D., elected in 1855.

MERTON COLLEGE, founded in 1264 at Malden, in 1274 at Oxford, by Walter de Merton, Bishop of Rochester, consists of a Warden, 24 Fellowships, all open, 18 Postmasterships, and 4 Scholarships. 17 benefices in gift. Warden : Hon. George Charles Brodrick, M.A., elected in 1881.

NEW COLLEGE, founded in 1386 by William of Wykeham, consists of a

Warden, 30 Fellowships, and 30 Scholarships ; 15 of the former being open, and the rest with preference to Winchester School. 41 benefices in gift. Warden : The Rev. James E. Sewell, D.D., elected 1860.

ORIEL COLLEGE, founded in 1326 by Edward II., consists of a Provost, 15 Fellows, and 10 Scholar, with 22 Exhibitioners, the value of each of the Scholarships and of four of the Exhibitions being 80*l.* per ann. 13 benefices in gift. 80 resident members in 1882. Provost : The Rev. D. B. Monro, M.A., elected in 1862.

PEMBROKE COLLEGE, founded in 1624, and named after William Herbert, Earl of Pembroke, then Chancellor of the University, consists of a Master, 10 Fellows, and 12 Scholars, 2 of the latter to be held with Bible Clerkships. 8 benefices in gift. Master : The Rev. E. Evans, D.D., elected 1864.

QUEEN'S COLLEGE, founded in 1340 by the Chaplain to Queen Philippa, after whom it was named, consists of a Provost, 19 Fellows, 3 Chaplains, 15 Scholars, and 2 Bible Clerks, and has numerous Exhibitions from different Schools. 29 benefices in gift. Provost : The Rev. John R. Magrath, D.D., elected in 1878.

S. JOHN'S COLLEGE, founded in 1555, by Alderman Sir T. White of London, will hereafter consist of a President, 18 Fellows, and 34 Scholars. The Fellowships are tenable for life, and are all open. 6 of the Scholarships only are open, the remainder are appropriated—21 to Merchant Taylors' School, 2 to Coventry, 2 to Bristol, 2 to Reading, and 1 to Tunbridge Schools. 4 Fellowships on the Fereday foundation, not included amongst the above 18, are partially restricted, and are tenable for 14 years. 33 benefices in gift. President : The Rev. James Bellamy, D.D., elected Dec. 7th, 1871.

TRINITY COLLEGE, originally founded by Edward III., was re-founded in 1554, and possesses a President, 12 Fellows, and 13 Scholars ; both Fellowships and Scholarships being open : the latter worth 80*l.* per ann. It has also several Exhibitions. 10 benefices in gift. President : The Rev. J. Percival, M.A., LL.D., elected Nov. 1st, 1878.

UNIVERSITY COLLEGE, said to have been founded by Alfred the Great in 872, and restored by William of Durham in 1249, consists of a Master, 13 Fellows, 3 Honorary Fellows, 12 Scholars. It has 5 Exhibitions, 2 of which are open. 10 benefices in gift. Master : The Rev. J. Frank Bright, M.A., elected in 1881.

WADHAM COLLEGE, founded in 1613 by Nicholas Wadham, Esq., consists of a Warden, 14 Fellows, 15 Scholars, 2 Chaplains, and 2 Clerks. Both Fellowships and Scholarships open. It has 10 Exhibitions (4 for Hebrew, 6 for Greek), besides several of smaller importance. 13 benefices in gift. Warden : George Easlam Thorley, M.A., elected in 1881.

WORCESTER COLLEGE, founded in 1714 by Sir Thomas Cooke, consists of a Provost, 12 Fellows, and 16 Scholars. The Fellowships nearly all open. It has 11 Exhibitions. 10 benefices in gift. 90 resident members in 1882. Provost : The Rev. W. Inge, M.A., appointed in 1881.

### HALLS.

NEW INN HALL was fully established in 1438, but existed 100 years previously under another name, viz., Trillecks Inn. 4 resident members in 1878. Principal and Tutor : The Rev. H. H. Cornish, D.D., appointed in 1866.

S. ALBAN HALL, named after Robert S. Alban, a citizen of Oxford, who once owned it, had 12 resident members in 1878. Fees payable at

Matriculation to University, 2*l.* 8*s.* ; to Hall, 5*l.* A quarterly payment of 16*l.* includes the charge for tuition, furnished rooms, board, coals, servants, and almost all necessaries. This Hall now comes into the possession of Merton College, and is annexed to it. It is the first Hall to suffer extinction. St. Mary Hall, New Inn Hall, and St. Edmund Hall are ultimately destined to absorption by Oriel, Balliol, and Queen's Colleges respectively. Their disappearance will efface a very peculiar relic of old Oxford institutions.

A new "private hall" has been opened by Mr. Turrell, which numbers on its books eight undergraduates.

S. EDMUND HALL, supposed to be named after S. Edmund, Archbishop of Canterbury, *temp.* Henry III. There is one Advowson, held by the University in trust for the Hall, and forming the endowment of the Principal. 30 resident members in 1882. Principal : The Rev. E. Moore, D.D., appointed in 1864.

S. MARY HALL dates from 1333 ; possesses 4 Scholarships of 50*l.* per ann., tenable for 4 years, and 1 Exhibition of 30*l.* per ann. 20 resident members in 1878. Principal : The Rev. D. P. Chase, M.A., appointed in 1857.

The cost of the entire Three Years' University Course at these Halls seems to vary between 281*l.* 14*s.* 6*d.*, as at S. Edmund's Hall, and 297*l.* 10*s.*, as at S. Mary's Hall. The aggregate expenses of the former have been authoritatively stated, thus :—

|                                                                        | £    | s. | d. |
|------------------------------------------------------------------------|------|----|----|
| Entrance Fee (to the Hall) ... ..                                      | 2    | 15 | 6  |
| Matriculation Fee (to the University) ... ..                           | 2    | 10 | 0  |
| Caution Deposit, 14 <i>l.</i> , returned.                              |      |    |    |
| Furniture, about 16 <i>l.</i> ; of this is lost by wear and tear (say) | 7    | 0  | 0  |
| Batells for three years, at 74 <i>l.</i> (say) ... ..                  | 222  | 0  | 0  |
| Groceries and Lights (say) ... ..                                      | 18   | 0  | 0  |
| Extra payment to Domus ... ..                                          | 7    | 0  | 0  |
| Laundress (say) ... ..                                                 | 10   | 10 | 0  |
| Degree Fees (to the Hall) ... ..                                       | 4    | 9  | 0  |
| „ „ (to the University) ... ..                                         | 7    | 10 | 0  |
|                                                                        | £281 | 14 | 6  |

Time required for Degrees : For B.A. and S.C.L., 12 Terms of residence ; B.C.L. or M.A., in twenty-seventh Term.

### PRIVATE HALLS.

A statute passed in 1882 (in substitution for an earlier one dating from 1855) enacts that any Member of Convocation above the age of twenty-eight may, under certain conditions, obtain from the Vice-Chancellor, with the consent of the Hebdomadal Council, a licence to open a suitable building as a Private Hall for the reception of academical Students, with the title of "Licensed Master," and make provision for the proper government of the Students under his charge. They are subject to all other statutes of the University, and they partake in its privileges, and are admissible to its degrees, in the same way as other Students.

TURRELL'S HALL.—Licensed Master, Rev. Henry Joseph Turrell, M.A.

CHARSLEY'S HALL is the only instance of such an institution being open for the reception of Students under the Oxford University Act of 1854. It has 6 resident members. Licensed Master : William H. Charsley, M.A.



## STUDENTS NOT ATTACHED TO ANY HALL OR COLLEGE.

In the year 1868 the restrictions of an ancient Statute, which has been already mentioned, were removed; and persons are now permitted, under certain conditions prescribed in *Statt. Tit. III. Sect. I.*, to become Students and Members of the University without being attached to any College or Hall. Such persons keep their statutable residence in houses or lodgings in the town, with the same rights of profiting by Professors' lectures, of competing for University Prizes, of attaining distinction in the Public Examinations, and of being admitted to Degrees and to all the consequent privileges, as are enjoyed by other Students. In 1882 there were 206 unattached students.

The reception of Students into the University under the prescribed conditions, and the general direction and superintendence of them during their residence in Oxford, are committed to a Board consisting of the Vice-Chancellor and four Members of Convocation nominated by the Vice-Chancellor and Proctors, two of whom are styled Censors, under the title of "Delegates of Students not attached to any College or Hall."

The Students are under the supervision of the Censors, who are charged with the care of their conduct and studies.

The Worshipful the Master and Assistants of the Company of Cloth workers in the city of London having granted to the Delegacy to Unattached Students three exhibitions of 50*l.* a year, tenable each for three years from the date of election, and intended as an encouragement of the study of natural science, the delegates have made arrangements by which one of these exhibitions shall be offered yearly for competition among those who may offer themselves in natural science at the examination held in July, under the authority of the Oxford and Cambridge Schools Examination Board. A similar exhibition of 50*l.* a year will be offered at the same time by the Company, to be held by a non-collegiate Student at Cambridge. The subjects for examination in 1878 may be found in the "Regulations of the Oxford and Cambridge Schools Examination Board. Candidates for the exhibition may be, but are not required to be, candidates for the certificates granted by the Oxford and Cambridge Schools Examination Board; and may either be unattached students of one term's standing (the Easter and Act terms counting for this purpose as one term), or persons not yet members of the University. All who desire to be candidates for the exhibitions, without being also candidates for certificates, must send either to the Rev. W. W. Jackson, Exeter College, Oxford, or to Mr. E. J. Gross, Caius College, Cambridge, notice of their names and ages, with certificates of character.

*Censors*—Rev. G. W. Kitchen, M.A., and Rev. G. S. Ward, M.A.

## INSTITUTIONS.

### *Bodleian Library.*

This Library was founded by Sir Thomas Bodley, of Merton College, and opened in 1602. The stipend of the Librarian is £1,000 a year. The Library is opened on weekdays throughout the year from 9 a.m. All Graduate members of the University have the right to use the Library. The Librarian is E. W. B. Nicholson, M.A.



*Clarendon Press.*

This building was completed and the University Press transferred to it in 1830.

*Theatre.*

The Theatre was erected by Gilbert Sheldon, Archbishop of Canterbury, and Chancellor of the University, and was opened July 9th, 1669.

*Ashmolean Museum.*

Elias Ashmole, Esq., sent a collection of natural and artificial curiosities, provided a building was erected by the University; and the Museum was begun in 1679 and finished in 1683. It is open daily.

*The Clarendon.*

This building derives its name from the Lord Chancellor. The University Press was set up therein from 1713 to 1830; it is now used by the Hebdomadal Council and for other public purposes.

*Radcliffe Library.*

This Library was founded by the celebrated physician, John Radcliffe, M.D., Fellow of Lincoln, and of University College, who died 1714. The Library was opened April 18th, 1749. The Librarian is Henry Wentworth Acland, D.M., Ch. Ch.

*Radcliffe Observatory.*

This building was erected out of the funds of Dr. Radcliffe. The foundation-stone was laid June 27th, 1772.

Astronomical Observations are here made regularly when the weather permits, and are duly recorded.

*Observer.*

Robert Main (M.A. of Queen's College, Cambridge), M.A., Pembroke.

*Taylor Institution.*

This building was erected in 1848 from a bequest of Sir R. Taylor.

There are connected with the Institution four Teacherships of Modern European Languages, a Scholarship, and an Exhibition.

The Library is open to all Members of the University who have free admission to it, and resident Members are allowed to take books out of the Library, subject to its regulations. Literary persons not members of the University are also admissible by special permission. The leading Periodicals of France, Germany, and Italy, are taken in, and lie upon the table. The present Librarian is Heinrich Krebs.

*University Galleries.*

The University Galleries, opened in 1845, form the Central and Western portions of the building, are under the charge of a resident Keeper, Mr. Joseph Fisher, appointed by the Curators with a stipend of £100 a-year. They are open daily from 12 to 4.

The Ruskin Drawing School was established in 1872 by the munificence of John Ruskin, M.A., Honorary Student of Christ Church, who gave £5000 to the University for this purpose. The Teacher of Drawing, with the stipend of £150 a-year, is Mr. Alex. Macdonald.

*University Museum.*

This building, intended for the promotion of the study of Natural

Science, was erected at the charge of the University. The first stone was laid June 20th, 1855, by the Earl of Derby, Chancellor of the University.

The Museum contains Lecture-rooms, with Work-rooms and Laboratories where these are required, for the Regius Professor of Medicine, and the Professors of Geometry, Astronomy, Natural Philosophy, Chemistry, Mineralogy, Geology, Physiology, and Zoology, a Dissecting-room at the North-eastern angle, a large Laboratory for Students in Chemistry at the South-western, and along the front upstairs a spacious Library and Reading-room.

#### *University Observatory.*

Warren de La Rue, D.C.L. and M.A. of New College, presented a large Reflecting Telescope with other astronomical apparatus to this Observatory, which is under the charge of the Savilian Professor of Astronomy.

#### *Of Affiliated Colleges.*

By a statute of the University, passed in 1880, any College or Institution within the United Kingdom, or in any part of the British Dominions, being a place of education in which the majority of the students are of the age of 17 at least, may, on certain conditions, be admitted to the privileges of an Affiliated College. The conditions are in effect as follows:—The College or Institution must be incorporated by Royal Charter, or otherwise established on a permanent and efficient footing; it must allow the University to be represented on the Governing Board, and to take part in its examinations; it must have been admitted to the privileges of an Affiliated College by a vote of Convocation, and the connection between it and the University must be terminable at the will of either body.

Any person who has completed a course of three years at such a College, and obtained honours at its second or final examination, may, without being previously matriculated, be admitted to the first Public Examination in this University, and if he passes that examination, and is matriculated in the next following Term, he is absolved from responsions, and may, as regards all provisions affecting academical standing, reckon the Term in which he was matriculated as the fifth Term from his matriculation.

If further he obtains honours at the first or second Public Examination, he may be admitted B.A. after eight Terms of academical residence, provided he has then passed his final examination. The effect of this statute is to reduce the period of necessary academical residence for a person coming from an Affiliated College from three to two years.

The Institutions at present admitted to these privileges are, June 1st, 1880, St. David's College, Lampeter; June 16th, 1882, University College, Nottingham.

#### *The Indian Institute at Oxford.*

The establishment of this Institute, which was opened by the Prince of Wales on May 2nd, 1883, was first proposed in 1875, by Professor Monier Williams, who in that and the following year undertook two journeys at his own expense to India, where he held meetings in favour of his project. Subsequently the scheme received the support of Her Majesty and the Royal Princes, and of many influential persons in this country. The list of subscribers is headed by the Queen, the Prince of Wales; the Duke of Edinburgh and the Duke of Albany are also contributors as well as Lord Salisbury, the Chancellor of the University, Lord Northbrook, Lord Lytton, Lord Hartington, Lord Cranbrook, and many others, both Englishmen and natives,

who are connected with or interested in Indian affairs. The largest subscriber by far is Sir Thomas Brassey, who has contributed 8,750*l.*, and Mr. Edward Cazalet has given 1,100*l.* The money subscribed, which at present amounts to 20,150*l.*, has been invested in the names of three trustees, Sir E. Colebrooke, M.P., Sir Thomas Brassey, and Professor Monier Williams. A central site has been secured, close to the Bodleian Library, for 7,800*l.* The building is in progress of erection from designs by Mr. Basil Champneys, and is to contain lecture rooms, library, reading room, an Indian museum, and all necessary appliances; but the present contributions, it is feared, will not be sufficient to complete more than half of it. The chief objects of the Institute are "to give effective and trustworthy teaching in all subjects that relate to India and its inhabitants; to promote and encourage Indian researches; to concentrate and disseminate correct ideas on Indian matters by united effort and combined action." The Boden Professor of Sanscrit is to be *ex-officio* director of the Institute, and there will be a council or board of management. The founding of various fellowships, scholarships, and prizes is contemplated, and there will be an ample staff of University Professors and teachers connected with the Institute. Contributions and gifts of books and objects for the museum should be sent to the Boden Professor of Sanscrit, Merton-Lea, Oxford.

THE UNIVERSITY OF OXFORD COMMISSION.—From a report issued by the Commissioners for the University of Oxford, appointed in 1878, to inquire into the state of the University of Oxford, it would seem that the extension and endowment of the Oxford Professorate, and the better organization of teaching throughout the University, are among the principal objects to which the attention of the Commissioners has been called; but their recommendations on these points are far from revolutionary, and they profess themselves content that the teaching of the place should be left, for the most part, as it has hitherto been, in the hands of the Colleges. For the more important Chairs, twenty-five in number—some of them already existing, and others to be created, wholly or in part, as new foundations—the stipends are to be fixed at a *maximum* of 900*l.* per annum, and a *minimum* of 700*l.* Greek, Latin, Comparative Philology, Moral Philosophy, Astronomy, and Chemistry are among the class first named as represented by the existing staff of professors. The Chair of Ancient History is to be divided, and Ancient Greek and Ancient Latin History are to be taught separately. The Chichele Professorship of Modern History is to be reduced, and is also to become a Professorship of English History. Three entirely new Chairs are to be founded among the highest class—one of English Language and Literature, one of Pure Mathematics, and one of Mechanics and Engineering. Three thousand pounds a year are set down as the least sum needed for keeping up the Bodleian Library.

A sum of 1,200*l.* has now been invested as the Rolleston Memorial Fund. The fund is to be expended in the institution of a prize to be awarded every two years, for original research in any subject comprised under the following heads:—Animal and vegetable morphology, physiology and pathology, and anthropology, to be selected by the candidates themselves. The period during which this prize may be obtained by a candidate is to be limited to ten years after the date of matriculation; and the prize bearing Professor Rolleston's name is open to the members of the Universities of Oxford and Cambridge.

PART II.

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OUR UNIVERSITIES.  
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*Educated at, and, for a time, an Assistant Master at Eton,*

Receives a few Resident and Non-Resident Pupils reading for  
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# OUR UNIVERSITIES.

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## THE UNIVERSITY OF CAMBRIDGE

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### INTRODUCTORY REMARKS.

THIS University, which is supposed to have been founded in the seventh century, is a corporation comprising students in Arts and Sciences, deriving its present legal existence from a charter of Queen Elizabeth (13 Eliz. c. 9), under the denomination or name of "*The Chancellor, Masters, and Scholars of the University of Cambridge.*" Its early charters were lost or destroyed during the rebellion of Wat Tyler; but its first authentic charter, which was granted about fifty years after the foundation of its oldest College—Peterhouse, now better known as St. Peter's College—is said to be dated 45 Henry III., and is to be found among the records of the Tower. Its authority as a University is now derived from the Charter of Queen Elizabeth, together with the "New Statutes," which were confirmed by Her Majesty in Council, July 31st, 1858.

The University includes seventeen Colleges and Halls, or, to speak more correctly, sixteen Colleges and one Hall; although, as a matter of fact, Colleges and Halls at Cambridge are synonymous and not different, as is the case at Oxford. These Colleges have all been founded since the beginning of the reign of Edward I., and they are maintained principally by the endowments of their several founders and benefactors. Each College is a separate corporate body, possessing its own statutes, governed by its own regulations, and entirely distinct from the University, although their several members, whether Graduates or Undergraduates, are also members of the University, and, as such, are subject to its paramount laws and regulations. In addition to becoming a member of the University by joining one of the Colleges, a new system, or mode, of doing so, has recently been established. A person who desires to become a Student of the University, without becoming a member of any College, can now do so by entering the University directly as an "Unattached," or "Non-Collegiate," Student. This method of passing through the ordinary academic curriculum, and of subsequently obtaining a Degree, involves far less expense, and is resorted to by a large number of those whose means do not permit the luxury, and consequent increase in expense, resulting to those who enter at one of the Colleges. Non-Collegiate Students have exactly the same privileges as other Undergraduates, so far as the University is concerned, and proceed to Degrees in precisely the same manner. These Stu-

dents are controlled and superintended by a permanent Syndicate, appointed by the Senate of the University, called the "*Board for the Regulation of Unattached Students*;" its executive officer (whose position is analogous to that of a College Tutor), being designated the Censor.

The governing body of the University is the Senate, which is composed of all persons who are Masters of Arts, or Law, or Doctors in one of the three faculties, viz., Divinity, Law, or Physic, having their names on the University Register. The Senate elect the more important officers of the University, including the Chancellor, the Lord High Steward, and the Representatives in Parliament. The appointment of many of its officials, however, as well as the transaction of the greater part of the University business, rests with a more select body, called the "Electoral Roll." This is a list of persons which is published annually, in the Michaelmas Term of each year, and is composed of all members of the Senate who have resided within the jurisdiction of the University, *i.e.*, within a mile and a-half of Great St. Mary's Church, for fourteen weeks at least between the first day of that Michaelmas Term and the first day of the preceding Michaelmas Term, together with all officers of the University, being Members of the Senate, Heads of Houses, Professors, and Public Examiners. All matters which are submitted to the Senate take the form of resolutions called *Graces*, which possess generally the force of Statutes; but before any *Grace* can be submitted to the Senate, it must have previously received the "sanction of the Council." This "Council of the Senate," as it is called, consists of the Chancellor (who, however, seldom acts), the Vice-Chancellor (who is the presiding officer of the University in the absence of the Chancellor), four Heads of Houses, four Professors, and eight other members of the Senate chosen from the Electoral Roll; the election of two Heads of Houses, two Professors, and four other members of the Senate taking place biennially.

#### OFFICERS OF THE UNIVERSITY.

|                                                                                                                    |          |
|--------------------------------------------------------------------------------------------------------------------|----------|
|                                                                                                                    | Elected. |
| <i>Chancellor</i> .—WILLIAM CAVENDISH, DUKE OF DEVONSHIRE, LL.D.,<br>Trinity .....                                 | 1860     |
| <i>High Steward</i> .—Edward James Herbert, Earl of Powis, LL.D.,<br>S. John's .....                               | 1864     |
| <i>Vice-Chancellor</i> .—The Rev. J. Porter, D.D., Master of St. Peter's<br>College.....                           | 1881     |
| <i>Commissary</i> .—William Forsyth, M.A., M.P., Trinity .....                                                     | 1868     |
| <i>Representatives in</i> { Alexander James Beresford Beresford-Hope,<br><i>Parliament.</i> { LL.D., Trinity ..... | 1868     |
| { Rt. Hon. Henry Cecil Raikes ....                                                                                 | 1882     |
| <i>Deputy High Steward</i> .—Francis Barlow, M.A., Trinity Hall .....                                              | 1856     |
| <i>Public Orator</i> .—John Edwin Sandys, M.A., S. John's .....                                                    | 1876     |
| <i>Registrary</i> .—Henry Richards Luard, B.D., Trinity .....                                                      | 1862     |
| <i>Librarian</i> .—Henry Bradshaw, M.A., King's .....                                                              | 1867     |
| <i>Counsel</i> .—G. W. Hemming, M.A., Q.C., Trinity .....                                                          | 1875     |
| <i>Proctors</i> .—Rev. F. Gunton, M.A., Magdalen. Rev. J. C. Saunders,<br>M.A., Downing .....                      | 1883     |

|                                              |                                                      |      |          |
|----------------------------------------------|------------------------------------------------------|------|----------|
| <i>Esquire Bedells.</i> —A. P. Humphry, M.A. | F. C. Wace, M.A.                                     | 1877 | Elected. |
| <i>Secretaries of Local Examinations.</i>    | { Rev. G. F. Browne, M.A.<br>J. Neville Keynes, M.A. |      |          |

## HEADS OF COLLEGES.

| Founded. |                                                                                  | Elected. | Memb.<br>on brds |
|----------|----------------------------------------------------------------------------------|----------|------------------|
| 1257     | <i>S. Peter's</i> ..... James Porter, D.D., <i>Master</i> .....                  | 1876     | 272              |
| 1326     | <i>Clare</i> ..... Edward Atkinson, D.D., <i>Master</i> .....                    | 1856     | 394              |
| 1343     | <i>Pembroke</i> ..... C. E. Searle, M.A., <i>Master</i> .....                    | 1880     | 374              |
| 1348     | <i>Gonville and Caius</i> ... } Norman McLeod Ferrers, M.A., <i>Master</i> ..... | 1880     | 681              |
| 1350     | <i>Trinity Hall</i> .. Sir H. S. Maine, LL.D., <i>Master</i> .....               | 1879     | 641              |
| 1351     | <i>Corpus Christi</i> E. H. Perowne, D.D., <i>Master</i> .....                   | 1879     | 532              |
| 1441     | <i>King's</i> ..... Richard Okes, D.D., <i>Provost</i> .....                     | 1850     | 286              |
| 1448     | <i>Queen's</i> ..... George Phillips, D.D., <i>President</i> .....               | 1857     | 261              |
| 1475     | <i>S. Catherine's</i> . Charles Kirkby Robinson, D.D., <i>Master</i> .....       | 1861     | 213              |
| 1496     | <i>Jesus</i> ..... George Elwes Corrie, D.D., <i>Master</i> ...                  | 1869     | 494              |
| 1505     | <i>Christ's</i> ..... Chas. Anthony Swainson, D.D., <i>Provost</i> .....         | 1881     | 555              |
| 1511     | <i>S. John's</i> ..... Rev. Charles Taylor, D.D., <i>Master</i> ...              | 1881     | 1813             |
| 1519     | <i>Magdalene</i> ... Hon. The Rev. L. Neville, M.A., <i>Master</i> .....         | 1853     | 233              |
| 1546     | <i>Trinity</i> ..... William Hepworth Thompson, D.D., }<br><i>Master</i> .....   | 1866     | 3300             |
| 1584     | <i>Emmanuel</i> ... Samuel George Phear, B.D., <i>Master</i> ...                 | 1871     | 490              |
| 1598     | <i>Sidney Sussex</i> . Robert Phelps, D.D., <i>Master</i> .....                  | 1843     | 198              |
| 1800     | <i>Downing</i> ..... Thomas Worsley, D.D., <i>Master</i> ... ..                  | 1836     | 194              |
| 1873     | <i>Cavendish</i> ..... John Cox, M.A., <i>Warden</i> .....                       | 1877     | 107              |
| 1882     | <i>Selwyn</i> ..... Hon. and Rev. A. T. Lyttleton, M.A... ..                     | 1832     | 29               |

## Professors.

|      |                                  |                                                  |      |
|------|----------------------------------|--------------------------------------------------|------|
| 1502 | <i>Lady Margaret of Divinity</i> | C. A. Swainson, D.D., <i>Christ's</i> .....      | 1879 |
| 1540 | <i>Regius of Divinity</i> .....  | Brooke Foss Westcott, D.D., <i>Trinity</i> ..... | 1870 |
| 1540 | <i>Regius of the Civil Law</i> . | E. C. Clark, LL.D., <i>Trinity</i> .....         | 1873 |
| 1540 | <i>Regius of Physic</i> .....    | G. E. Paget, M.D., F.R.S., <i>Caius</i> .....    | 1872 |
| 1540 | <i>Regius of Hebrew</i> .....    | A. F. Kirkpatrick, M.A. ....                     | 1882 |
| 1540 | <i>Regius of Greek</i> .....     | B. H. Kennedy, D.D., <i>S. John's</i> .....      | 1867 |
| 1652 | <i>Arabic</i> .....              | W. Wright, LL.D. ....                            | 1870 |
| 1663 | <i>Lucasian of Mathematics</i>   | G. G. Stokes, M.A., F.R.S., <i>Pemb.</i> ...     | 1849 |
| 1683 | <i>Moral Philosophy</i> .. ..    | H. Sedgwick, M.A., <i>Trinity</i> .....          | 1883 |
| 1684 | <i>Music</i> .....               | G. A. Macfarren, Mus. Doc., <i>Trinity</i> ..... | 1875 |
| 1702 | <i>Chemistry</i> .....           | G. D. Liveing, M.A., <i>S. John's</i> .....      | 1861 |
| 1704 | <i>Plumian of Astronomy</i> ...  | G. H. Darwin.....                                | 1883 |
| 1707 | <i>Anatomy</i> .....             | Alexander M'Alister, M.D. ....                   | 1883 |
| 1724 | <i>Modern History</i> .....      | J. R. Seeley .....                               | 1869 |
| 1724 | <i>Lord Almoner's of Arabic</i>  | Professor Robertson Smith. ....                  | 1883 |
| 1724 | <i>Botany</i> .....              | C. C. Babington, M.A., <i>S. John's</i> ...      | 1861 |
| 1727 | <i>Woodwardian of Geology</i>    | T. McK. Hughes, M.A., <i>Trinity</i> .....       | 1873 |
| 1749 | <i>Lowndean of Astronomy</i>     | J. C. Adams, M.A., F.R.S., <i>Pembroke</i> ..... | 1858 |
| 1768 | <i>Norrisian of Divinity</i> ... | J. R. Lumby, D.D. ....                           | 1879 |
| 1783 | <i>Jacksonian of Philosophy</i>  | J. Dewar, M.A., <i>St. Peter's</i> .....         | 1875 |
| 1800 | <i>Downing of Law</i> .....      | W. Ll. Birkbeck, M.A., <i>Downing</i> ...        | 1860 |
| 1801 | <i>Downing of Medicine</i> ...   | P. W. Latham, M.D., <i>Downing</i> .....         | 1874 |

| Founded.                              |                                                                          | Elected. |
|---------------------------------------|--------------------------------------------------------------------------|----------|
| 1808 <i>Mineralogy</i> .....          | W. J. Lewis, M.A., Trinity .....                                         | 1881     |
| 1851 <i>Disney of Archæology</i> ...  | Percy Gardner, M.A., Christ's.....                                       | 1880     |
| 1860 <i>Hulsean of Divinity</i> ..... | Fenton J. A. Hort, D.D. ....                                             | 1878     |
| <i>Hulsean Lecturer</i> .....         | F. Watson, M.A., S. John's.....                                          | 1881     |
| <i>Lady Margaret Preacher</i>         | A. F. Kirkpatrick, M.A., Trinity.....                                    | 1882     |
| 1863 <i>Political Economy</i> .....   | H. Fawcett, M.A., M.P., Trinity                                          | 1863     |
| 1863 <i>Sadlerian of Pure Mathe-</i>  | A. Cayley .....                                                          | 1883     |
| <i>matics</i> .....                   |                                                                          |          |
| 1866 <i>Zoology and Comparative</i>   | A. Newton, M.A., Magdalene .....                                         | 1866     |
| <i>Anatomy</i> .....                  |                                                                          |          |
| 1867 <i>Sanscrit</i> .....            | E. B. Cowell, M.A., Corpus.....                                          | 1867     |
| 1869 <i>International Law</i> .....   | Rt. Hon. Sir W. G. G. V. V. Harcourt,<br>M.A., Q.C., M.P., Trinity ..... | 1869     |
| 1869 <i>Latin</i> .....               |                                                                          |          |
| 1869 <i>Slade of Fine Art</i> .....   | J. E. B. Mayor, M.A., S. John's.....                                     | 1872     |
| 1871 <i>Experimental Physics</i> ...  | Sidney Colvin, M.A., Trinity .....                                       | 1879     |
| 1875 <i>Mechanism and Mechan-</i>     | Lord Rayleigh, M.A., F.R.S. ....                                         | 1879     |
| <i>ics</i> .....                      |                                                                          |          |
| 1878 <i>Professorship of Anglo-</i>   | James Stuart, M.A., Trinity.....                                         | 1875     |
| <i>Saxon</i> .....                    |                                                                          |          |
| 1882 <i>Clark Lecturer English</i>    | Walter W. Skeat, M.A., Christ's.....                                     | 1878     |
| <i>Literature</i> .....               |                                                                          |          |
| 1883 <i>Professorship of Surgery</i>  | Leslie Stephen, M.A. ....                                                | 1883     |
| 1883 <i>Physiology</i> .....          | Dr. G. M. Humphrey, F.R.S.....                                           | 1883     |
|                                       | Michael Foster, F.R.S. ....                                              | 1883     |

*Superintendent of the Museums of Zoology and Comparative Anatomy.*—  
J. W. Clark, M.A., Trinity.

*Demonstrator of Human Anatomy.*—A. Hill, M.A., M.B.

*Demonstrators of Chemistry.*—J. W. Hicks, M.A., Sidney; W. J. Sell, B.A.,  
H. J. H. Fenton, B.A., S. F. Harmer, B.A.

*Demonstrator of Comparative Anatomy.*—R. T. Glazebrook, M.A., F.R.S.

*Demonstrator of Experimental Physics.*—W. N. Shaw, M.A.

*Strickland Curator.*—Dr. Hans Gadow.

*Teacher of Rabbinic and Talmudic Literature.*—S. M. Schiller-Szinessy, M.A.

*Reader on the Laws of India.*—Sir R. K. Wilson, Bart.

*Reader on Indian History.*—S. M. E. Kempson, M.A.

The Principal Officers of the University and their respective duties are the following:—

The CHANCELLOR, who is the head of the whole University, and presides over all cases relating to that body. In him is placed the sole executive authority within the precincts, except in matters of mayhem and felony.

The HIGH STEWARD, who has special power to take the trial of scholars impeached of felony within the limits of the University, and to hold and keep a leet according to the established charter and custom. He appoints Deputy.

The VICE-CHANCELLOR, who is elected annually on the 4th of November, by the Senate. His office, in the absence of the Chancellor, embraces the execution of the Chancellor's powers, and the government of the University according to her Statutes. He must, by Statute 19 and 20 Vict. c. 88, be the Head of some College; and during his continuance in office he acts as a magistrate for the University, the Town, and the County.

The COMMISSARY, who is an officer, under the Chancellor, and appointed

by him. He holds a court of record for all privileged persons and scholars under the Degree of M.A.

The **SEX VIRI**, elected by Grace of the Senate, to hold office for two years ; whose business it is to hear and adjudicate, together with the Vice-Chancellor, all accusations against members of the University who are not *in statu pupillari*, for offences against the Statutes or Ordinances of the University. They have the power of punishing offenders, by deprivation or suspension of degrees ; but there is liberty of appeal to the Senate from their decision.

The **PUBLIC ORATOR**, who is the voice of the Senate upon all public occasions. He writes, reads, and records the letters to and from the body of the Senate, and presents to all honorary degrees with an appropriate speech.

The **LIBRARIAN**, to whom the regulation and management of the University Library is confided.

The **REGISTRARY**, who is obliged, either by himself, or deputy properly authorized, to attend all Congregations, to receive Graces when passed, and to register them in the University records.

The **ASSESSOR**, who is an officer specially appointed, by Grace of the Senate, to assist the Vice-Chancellor in his court, *in causis forensibus et domesticis*.

Two **PROCTORS**, who are peace-officers, elected annually. It is their especial duty to attend to the discipline and behaviour of all persons *in statu pupillari*, and to search houses of ill fame. Another part of their duty is to be present at all Congregations of the Senate, to read the Graces, to take the assent or dissent, and to pronounce the same. They must be Masters of Arts or Law of three years' standing at the least, or Bachelors of Divinity. They must also have resided during the major part of each of three Terms during the two preceding years.

Two **MODERATORS**, nominated by the Colleges which present the Proctors, and appointed by Graces of the Senate. They conduct the examinations of the Candidates for Honours in the Mathematical Tripos.

Four **PRO-PROCTORS**, who assist the Proctors in that part of their duty which relates to the discipline and behaviour of those persons who are *in statu pupillari*, and the preservation of public morals ; but in other parts of the Proctors' office they have not any concern, or control.

Two **ESQUIRE BEDELLS**, whose office is to attend the Vice-Chancellor, whom they precede with their silver maces upon all public occasions and solemnities ; to receive from the Vice-Chancellor the Graces delivered to them, and to deliver them to the Proctors, and to summon to the Chancellor's Court all members of the Senate.

Two **MEMBERS**, whom the University sends to Parliament. These are elected by the collective body of the Senate.

The **UNIVERSITY COUNSEL**, who are appointed by Grace of the Senate, and are consulted upon various occasions.

The **SOLICITOR**, who is appointed by the Vice-Chancellor.

The **PROFESSORS**, who are elected in different ways, and who are paid from various sources.

The respective Orders in the several Colleges are as follows :—

1. A **HEAD** of a College or House, who is generally a Doctor in his Faculty. The Head of King's is styled Provost ; of Queen's, President. Every other Head is called Master.

2. **FELLOWS**, who generally are Doctors in Divinity, Law, or Physic ; Bachelors in Divinity ; Masters or Bachelors of Arts ; and some few Bachelors in Law or Physic, as at Trinity Hall, and Caius College. The number of Fellowships in the University is nearly 400.



3. NOBLEMEN GRADUATES, DOCTORS in the several Faculties, BACHELORS in DIVINITY, MASTERS OF ARTS, and MASTERS OF LAW, who are not on the Foundation.

4. BACHELORS OF ARTS, LAW and PHYSIC.

5. FELLOW-COMMONERS, who are generally the younger sons of the nobility, or young men of fortune, and have the privilege of dining at the Fellows' table, whence the appellation originated. Of this class there are now very few indeed.

6. SCHOLARS, who are generally Foundation members of their respective Colleges, and who enjoy various advantages; in some cases they have their commons free, their chambers rent-free, and various weekly or other allowances: in other cases they have specific stipends only, in conformity with the conditions of their foundation. They are for the most part elected, by direct examination or otherwise, at different periods either prior or subsequent to the commencement of their residence at the University, from the most promising and distinguished Students.

7. PENSIONERS, who form the great body of the Students, who pay for their commons, chambers, &c., and enjoy generally no pecuniary advantages from their respective Colleges.

8. SIZARS, who are generally Students of limited means. They usually have their commons free, and receive various emoluments.

#### METHOD OF OBTAINING A DEGREE.

The Degree of Bachelor of Arts is either an "Honour" Degree or an "Ordinary" Degree, either of which can be obtained in many ways.

In order to obtain a Degree three things are necessary: 1. To obtain admission as an Undergraduate at one of the Colleges, or to become an Unattached Student; application being made in the first instance to the Tutor of the College which the applicant desires to join, or, in the latter case, to the University Censor.—2. To keep Terms, *i.e.*, to reside at Cambridge, in College rooms; or in lodgings licensed by the University, for a period of about three years.—3. To pass certain Examinations.

Anyone wishing to enter as an Undergraduate at one of the Colleges, or to become an Unattached Student, should, in the one instance, make application to the Tutor of the particular College which he desires to join, and, in the other, to the Censor of Non-Collegiate Students. At some of the Colleges a Preliminary Examination of an easy nature is held, but in every case the applicant will have to obtain, before entrance, a certificate signed by an M.A. of Oxford or Cambridge, showing that the person giving the certificate has examined the applicant, and that, as a result of such examination, he considers him to be a fit and proper person, both on account of his learning and moral character, to become a member of the University, and of the College which he proposes to enter. At some Colleges it has been usual to require a certificate of baptism as well; but since the passing of the Universities Tests Act, 1871, it is to be presumed that this is not now required in any case.

Having satisfied the College Tutor as to his eligibility to become a member of the Society, the Student has then to pay his Caution Money and certain Fees, which are given on another page, and a few weeks afterwards he is enrolled as a member of the University, at a formal ceremony called "Matriculation." This consists chiefly in the payment of a Fee, which, in the case of ordinary Students, called Pensioners, is 5*l*.

The Student must now keep Terms and pass Examinations. In each

academical year, which extends from October to June, there are three Terms (at Oxford there are four). The first, or Michaelmas Term, begins on the 1st of October and ends on the 16th of December. The second, or Lent Term, begins on the 13th of January and ends on the Friday before Palm Sunday. The third, or Easter Term, begins on the Friday after Easter Day, and ends on the Friday after "Commencement Day," which is the last Tuesday in June. The period of residence required is nine Terms, and "keeping Term" is residence during two-thirds of the period known as the Term.

Having been duly enrolled as a member of the University *in statu pupilari*, the Student must next decide whether he will become a Candidate for the ordinary Degree, or "go out in Honours." If he chooses to be content with the ordinary Degree he will have to pass three Examinations: 1. The Previous Examination; 2. The General Examination; 3. One of the Special Examinations. Should the Student desire to obtain his Degree with Honours, he has to pass two Examinations only; viz., the Previous Examination, including additional subjects, which are not set to those who are candidates for the ordinary Degree, and lastly, one of the Triposes.

Each of these numerous Examinations will now be treated of.

#### THE PREVIOUS EXAMINATION.

The first Examination is one which all Students must pass before they can be admitted to the subsequent Examinations, by means of which they ultimately obtain their Degree. This is the *Previous Examination*, more familiarly known as the "*Little Go*," which consists of two parts. The first part embraces four subjects; viz.:—

1. One of the Four Gospels in the original Greek.
2. One of the Latin Classics.
3. One of the Greek Classics.
4. A paper of questions on Latin and Greek Grammar, with especial reference to the set Latin and Greek subjects.

The second part of the Examination also embraces four subjects; viz.:—

1. Paley's *Evidences of Christianity*.
2. Euclid, Books I., II., III., Definitions 1-10 Book V., and Props. 1-19 and A of Book VI.
3. Arithmetic.
4. Elementary Algebra; viz., definitions and explanations of algebraical terms and signs; addition, subtraction, multiplication, and division of algebraical quantities and algebraical fractions; the elementary rules of ratio, proportion, and variation; and easy equations of a degree not higher than the second, involving not more than two unknown quantities.

Both parts of this Examination must be passed (but not necessarily at the same time) by all Students who intend to take a Degree; but for Students who intend to be Candidates for Honours in any Tripos there is a further Examination commonly known as the "Additional," the subjects of which are:

1. Algebra; viz., the proofs of the rules of Arithmetical and Geometrical Progression, with simple examples; easy problems in Elementary Algebra; and the nature and use of logarithms.
2. The Elementary parts of Trigonometry; viz., modes of measuring angles, trigonometrical ratios, functions of two angles, and the solution of triangles.

3. Elementary Mechanics ; viz., the composition and resolution of forces acting in one plane at a point, the mechanical powers, and the properties of the centre of gravity.

The Previous Examination, together with that in the additional subjects, is held twice in each academical year, in the Michaelmas and Easter Terms ; and it is open to all matriculated Students in their first or any later Term of residence. Matriculated Students are not obliged to pass in both Parts of the Previous Examination at the same time, but may offer themselves for examination either in both Parts or in one Part only.

The selected Gospel and the Classical subjects given in the first part are announced, at least, twelve months before the Examination takes place at which they will be set.

#### THE GENERAL EXAMINATION.

Students who intend to take the *ordinary* Degree, having "got through" both parts of the "Little Go," will next have to pass what is known as the "*General Examination for the ordinary Degree.*" This they can do at any time after having kept four Terms, the Examination being held twice a year, viz., in the Michaelmas and Easter Terms. The subjects of the General Examination are :

1. The Acts of the Apostles in the original Greek.
2. One of the Latin Classics.
3. One of the Greek Classics.
4. Algebra ; viz., easy equations of a degree not higher than the second, involving not more than two unknown quantities ; the proofs of the rules of Arithmetical and Geometrical Progression, with simple examples ; and easy problems in Elementary Algebra.
5. Elementary Statics, treated so as not necessarily to require a knowledge of Trigonometry, namely, the composition and resolution of forces acting in one plane at a point, the mechanical powers, and the properties of the centre of gravity.
6. Elementary Hydrostatics, namely, the pressure of non-elastic fluids, specific gravities, the properties of elastic fluids, and the principal instruments and machines whose action depends on the properties of fluids : and Heat, as defined in Regulation 9.

Two Additional Papers are given, one containing one or more passages of English for translation into Latin Prose ; and the other containing one or more subjects for an English Essay, and one or more passages from Shakespeare or Milton, to be punctuated and paraphrased. Students are not *required* to present themselves for either of these Papers, but the results of both are taken into account in assigning the places in the Class-List.

The appointment of the Greek and Latin Classics, which are to be the subjects of Examination in any year, shall rest with the Board of Classical Studies. Public notice of the Classics is given a year, at least, before the Examination takes place.

The names of Students who pass the Examination appear in four classes, the names in each class being arranged alphabetically.

#### THE SPECIAL EXAMINATIONS.

Presuming that the Candidate for an ordinary Degree has satisfactorily passed the two Examinations already mentioned, he will next have to present himself for one of the "*Special Examinations for the ordinary*

*Degree.*" This he can do at any time after he has kept eight Terms, and entered on his ninth Term.

These Special Examinations, only one of which can be taken up, are as follows :—

*Special Examination in Theology.*

This Examination includes the following subjects :—

1. Selected Books of the Old Testament in the English Version.
2. One of the Four Gospels in the original Greek.
3. One or more of the Epistles of the New Testament in the original Greek.
4. (a) The Outlines of English Church History down to 1830. (b) A selected subject or period of English Church History.

A paper is also set in a selected portion of the Old Testament in Hebrew, for which Students are not required to present themselves, but the result of which is taken into account in assigning them places in the Class-List. Marks of distinction are also affixed to the names of those who acquit themselves with credit.

*Special Examination in Moral Science.*

This Examination comprises the following branches of knowledge, in each of which branches three papers are set, viz. :—

MORAL PHILOSOPHY.

Stewart's Active and Moral Powers, Bk. 2. Butler's Three Sermons on Human Nature (Whewell's Edition). Calderwood's Handbook of Moral Philosophy, Parts 1 and 2. Whewell's Lectures on the History of Moral Philosophy, 1-12. Mill's Utilitarianism. Cicero de Finibus, Books 1 and 2.

POLITICAL ECONOMY.

Smith's Wealth of Nations (McCulloch's Edition), Books 3 and 4. Fawcett's Manual of Political Economy. Mill's Political Economy, Books 1, 2, 3. Cairns' Character and Method of Political Economy.

Students presenting themselves for this Examination are required to select one of these branches of study, and to show a competent knowledge in the branch selected; but no Student is examined in more than one branch.

*Special Examination in Law and Modern History.*

The subjects for this Examination are the following :—

LAW.

Justinian's Institutes in the original Latin; Lord Mackenzie on Roman Law (or the elements of Hindu and Mohammedan Law; any recent edition of Blackstone's Commentaries on the Laws of England, except the parts relating to Procedure, viz., chapters 6 to 18 inclusive of Bk. 3.

HISTORY.

Outlines of English History, from the Norman Conquest to the Accession of George IV. Hallam's Constitutional History. A Period of European History to be selected by the Board of Historical Studies, of which notice shall be given in the preceding Michaelmas Term.

Students are only allowed to take up one of the foregoing branches of knowledge, either Law or History.

*Special Examination in Natural Science.*

This Examination comprises the following branches of Natural Science,

viz.: 1. Chemistry ; 2. Geology ; 3. Botany ; 4. Zoology, including Anatomy and Physiology. Three papers at least are set in each branch, and no student can be examined in more than one branch.

The following schedule defines the range of the subjects in the various branches of this Examination :--

#### CHEMISTRY--PART I.

*Heat.* The questions may embrace

The different sources of heat. The general effects of heat in producing expansion, liquefaction, and vaporization.

Definition of temperature, measure of temperature.

Construction of a common thermometer, and comparison of thermometric scales. Co-efficient of expansion. Expansion of water. Tension of aqueous vapour at different temperatures. Difference between saturated and unsaturated vapour.

Dalton's laws. Disappearance of heat during liquefaction, evaporation, and expansion of gases.

Measure of quantity of heat.

Communication of heat by conduction, convection, and radiation. Relative conducting powers of common substances. Comparative absorption of radiant heat from different sources in passing through air, glass, and rock-salt. Reflection or absorption of heat at the surface of bodies. Newton's law of cooling.

Simple calculations or questions depending directly upon the facts or laws above specified.

#### PART II.

*Chemistry.* The questions may embrace

The definition of an element. The conditions of occurrence in nature, and the leading characters of the following elements : *Oxygen, Hydrogen, Nitrogen, Sulphur, Phosphorus, Chlorine*, Bromine, Iodine, *Carbon, Potassium, Sodium, Iron, Zinc, Copper, Tin, Lead, Mercury*, Silver, *Gold*, Platinum ; and the preparation of such of these as are in *Italics*.

The composition, preparation, and chief characters of the following compounds : Water, Nitrous, Nitric and Pernitric Oxides, Ammonia, Carbonic Oxide, Potash, Soda, Lime, Magnesia, Alumina, Oxides of Iron, Manganese, Zinc, Tin, Copper, Silver, Lead and Mercury. Also of the following acids : Nitric, Sulphurous, Sulphuric, common Phosphoric, Carbonic, Silicic, Hydrochloric, Hydrosulphuric, and the salts of these acids with any of the metals of which the Oxides are above enumerated. Olefiant gas and Marsh gas.

#### PART III.

The difference between a chemical and a mechanical compound.

The constitution of the atmosphere, and reasons for regarding it as a mixture. Theory of combustion.

Laws of combination, by volume, and by weight.

The expression of the reactions in any of the foregoing cases in the form of equations.

Definition of chemical equivalents. Determination of the quantitative composition of Water, Air, Carbonic Acid, Chloride of Silver, and black Oxide of Copper.

Calculation of the relative quantities of the several elements or compounds in any of the foregoing reactions, the atomic numbers being given.



## GEOLOGY—PART I.

The principal rock-forming minerals, quartz, rock-salt, oxide of iron, carbonate of lime, gypsum, serpentine, talc, mica, chlorite, augite, horn blende, felspar : of which specimens may be given for recognition.

The classification of rocks, igneous, aqueous, metamorphic.

The principal igneous rocks, trachyte, dolerite, felstone, greenstone porphyry, basalt, granite, syenite.

The principal aqueous rocks, sand, gravel, conglomerate, breccia, sandstone, clay, shale, limestone, marl, loam, coal.

The principal metamorphic rocks, quartzite, clay-slate, crystalline limestone, schist, gneiss.

Specimens of any of the foregoing rocks may be given for recognition.

The mineral composition, and external characters of the several rocks above named, the general mode in which they are severally supposed to be produced. In particular the action of rain, frost, glaciers, icebergs, rivers, lakes, sea ; and the reasons for thinking the rocks called igneous to be produced by heat, those called aqueous to be deposited under water, and those called metamorphic to be altered.

Lamination and stratification, ripple-mark, joints, cleavage, dip, strike, anticlinal and synclinal axes, faults, veins, dykes, denudation, unconformability, intrusion. The description of the phenomena in these several cases, and the general account of their origin. Modern instances of elevation and depression of land.

Lava and craters of modern volcanoes, description of the phenomena.

## PART II.

Definition of fossil. Origin of fossils.

Classification of the animal kingdom so far as the sub-kingdoms and classes. The relative meaning of class, order, genus and species.

The principles on which the relative ages of rocks, stratified and unstratified, are determined.

The order of superposition of stratified rocks. The reasons for the divisions Palæozoic, Mesozoic, and Kainozoic. The division of the Kainozoic into recent, pleistocene, pleiocene, niocene, and eocene. The division of Mesozoic into cretaceous, oolitic, and triassic ; and of the Palæozoic into Permian, Carboniferous, Devonian, Silurian, and Cambrian. The chief subdivisions of the cretaceous and oolitic.

Explanation of what is represented by a geological map. General position, dip, and strike of English Palæozoic, Mesozoic, and Kainozoic rocks. Geology of Cambridgeshire and the immediate neighbourhood more in detail.

## PART III.

The recognition of the fossils in the subjoined list, and the periods to which they severally belong :—

|                          |                              |
|--------------------------|------------------------------|
| Graptolites Sedgwicki    | Crassatella compressa        |
| Halysites catenulatus    | Cardium porulosom            |
| Favosites alveolaris     | Cardita planicosta           |
| Cyathophyllum cæspitosum | Trigonia clavellata, striata |
| Astræa tubulifera        | Lima gigantea                |
| Nummulites lævigatus     | Pholadomya fidicula          |

|                                                                      |                                                              |
|----------------------------------------------------------------------|--------------------------------------------------------------|
| <i>Lingula Davisii</i>                                               | <i>Nerinaea Goodhalli</i>                                    |
| <i>Atrypa reticularis</i>                                            | <i>Cerithium giganteum</i>                                   |
| <i>Orthis resupinata</i>                                             | <i>Paludina</i>                                              |
| <i>Rhynchonella acuminata</i> , and <i>sulcata</i>                   | <i>Solarium ornatum</i>                                      |
| <i>Strophomena depressa</i>                                          | <i>Voluta nodosa</i> , <i>luctatrix</i> , <i>Lamberti</i>    |
| <i>Pentamerus Knightii</i>                                           | <i>Calyptrea trochiformis</i>                                |
| <i>Spirifer triangularis</i> , and <i>glaber</i>                     | <i>Conus deperditus</i>                                      |
| <i>Producta gigantea</i> , and <i>Martini</i>                        | <i>Fusus longævus</i> , <i>antiquus</i>                      |
| <i>Terebratulæ digona</i> , <i>biplicata</i> , <i>grandis</i>        | <i>Pleurotoma prisca</i>                                     |
| <i>Actinocrinus moniliformis</i>                                     | <i>Buccinum Dalei</i>                                        |
| <i>Pentacrinus briareus</i>                                          | <i>Emarginula fissurella</i>                                 |
| <i>Apiocrinus rotundus</i>                                           | <i>Euomphalus discors</i>                                    |
| <i>Cidaris intermedia</i>                                            | <i>Goniatites sphaericus</i>                                 |
| <i>Dysaster ovalis</i>                                               | <i>Orthoceras laterale</i>                                   |
| <i>Ananchytes ovatus</i>                                             | <i>Nautilus</i>                                              |
| <i>Ostrea deltoidea</i> , <i>carinata</i>                            | <i>Ammonites communis</i> , <i>bifrons</i> , <i>Lamberti</i> |
| <i>Gervillia lanceolata</i>                                          |                                                              |
| <i>Pecten distriatus</i> , and <i>5-costatus</i> ,<br><i>corneus</i> | <i>Turrilites costatus</i>                                   |
| <i>Exogyra virgula</i>                                               | <i>Belemnites hastatus</i> , <i>minimus</i>                  |
| <i>Gryphæa incurva</i> , and <i>dilatata</i>                         | <i>Ceratites nodosus</i>                                     |
| <i>Avicula gryphæoides</i>                                           | <i>Asaphus tyrannus</i>                                      |
| <i>Spondylus spinosus</i>                                            | <i>Ogygia Buchii</i>                                         |
| <i>Inoceramus sulcatus</i>                                           | <i>Calymene Blumenbachii</i>                                 |
| <i>Plicatula inflata</i>                                             | <i>Notocorystes Mantelli</i>                                 |
| <i>Pectunculus pulvinatus</i>                                        | <i>Ichthyosaurus communis</i> , <i>campylodon</i>            |
| <i>Chama gigas</i>                                                   | <i>Plesiosaurus</i>                                          |
|                                                                      | <i>Pliosaurus</i>                                            |

## BOTANY.

1. One portion of the Examination consists wholly of descriptions of living plants.

2. The other portion of the Examination comprises two papers ; one on Vegetable Organography, and the other on the Physiology of Plants and the more important Natural Orders of British Plants.

The questions may relate to the

Elementary Organs. Forms, sizes, structure, and development of cells. Vascular and woody tissue. Fibres, ducts, vessels, tracheæ. Ducts of latex and their contents. Origin of dotted, annular, scalariform, reticulate and spiral vessels. Intercellular passages, air spaces. Raphides and sphæraphides.

Structure of the wood of Dicotyledonous, Monocotyledonous, and Acotyledonous plants ; tracing the growth of each kind through several years.

Ascending and descending axes, their difference of structure and functions. Forms and directions of stems and roots. Nodes and internodes, branches, buds, thorns. Bulb, rhizome, runner, sobole. Adventitious buds and roots, spongioles.

Leaves, simple and compound. Petiole, limb. Position, arrangement, vernation, venation, shape, subdivision, dentition. Stipules. Tendrils.

Anatomical structure ; stomates ; articulation.

Hairs, glands, prickles.

Inflorescence. Its kinds and their modifications. Floral whorls and their arrangement. Hypogynous, perigynous, epigynous, epipetalous. Origin of flower, and leaf-bud, their identity and difference, and that of floral organs and leaves. Morphology. Æstivation.

Fruit. Of what it consists. Syncarpous, apocarpous, collective. Different kinds of fruit, as follicle, legume, etc.

Seeds; embryo, cotyledons, radicle, plumule, albumen.

Nutrition of plants. Absorption by leaves and roots, its difference. Fixation of carbon. Movement of fluids in tissue by action of Osmotic Force. Local circulations. Exhalation in presence and absence of light. Ascent and descent of sap. Effects of ligatures and ringing; of pruning and grafting. Parasitic and epiphytic plants; how nourished.

Reproductions. Essential organs of flowers. Pistil: ovary, style and stigma. Ovary of one or more carpels; septa, placenta. Ovules, funiculus. Structure of ovules and seeds: hyle, chalaze, raphe, micropile or foramen, testa or primine, tegmen or secundine, nucleus; and their positions and forms relative to the funiculus or seedstalk, and to each other. Style; its position on ovary and carpels; conducting tissue. Stigma, its forms, its action during and after the fertilization of the ovules.

Stamens; filament, anther. Forms of anther and its mode of attachment to the filament. Pollen and its coats; its diffusion and conveyance to stigma: pollen-tubes, their productions, and action in fertilization.

Cross fertilization and its use. Hybridization. Fertility and sterility of hybrid plants. Supposed change of one species into another.

Dissemination of seeds. Modes in which seed-vessels open. Pseudomorphs, winged, and fleshy fruits and their modes of dissemination. Vitality of Seeds.

Germination. Action of heat, light, and moisture. Use of albumen and cotyledons. Similarity of embryo to bud; their difference.

Some knowledge of the following Natural Orders alone to be expected; and the general structure, peculiarities, and affinities, rather than the technical characters, to be required:—

|                |                 |                |
|----------------|-----------------|----------------|
| Ranunculaceæ   | Boraginaceæ     | Orchidaceæ     |
| Cruciferae     | Scrophulariaceæ | Amarylloidaceæ |
| Caryophyllaceæ | Labiatae        | Iridaceæ       |
| Leguminosæ     | Primulaceæ      | Araceæ         |
| Rosaceæ        | Euphorbiaceæ    | Cyperaceæ      |
| Umbelliferae   | Amentiferae     | Gramineæ       |
| Compositæ      | Coniferae       | Filices        |

Every Student will be required to pass in each portion (Nos. 1 and 2) separately.

#### ZOOLOGY—PART I.

*Systematic.* To describe the four general plans or types of structure on which all animals (according to Cuvier) are modelled.

To name, define, and state the general characters of the Classes comprehended within each of these four types.

To give the division into Orders, in accordance with any recent and well-known System of Classification, of any of the classes named in the

subjoined list, stating the characters by which each of such Orders is distinguished.

Preserved specimens, or characteristic drawings of animals, within the limits of the subjoined Classes, will be exhibited for determination of the classes and orders to which they severally belong, the reasons being required for each determination.

*List of Classes.* *Mammalia, Aves, Reptilia, Pisces, Cephalopoda, Gasteropoda, Lamellibranchiata, Crustacea, Arachnida, Insecta, Echinodermata, and Polypi.*

*Note.*—Such simple anatomical and physiological questions as Candidates for the Ordinary B.A. Degree may be reasonably expected to answer are asked, in reference to the Classes named in the above list, and under the following heads :—

#### PART II.

*Anatomical.* 1. The composition of the Vertebrate skeleton; and the various modifications in the form of its elements in particular Classes and Orders to suit the habits and modes of life characteristic of such Classes and Orders.

2. Character of the integuments.

3. Form of the Nervous System, and structure of the Organs of the Senses.

4. Form and structure of the Digestive Organs, and of the Secreting Glands.

5. Form and structure of the Circulating and Respiratory Organs.

6. Marked variations of character in any of these organs occurring in particular Orders.

7. Preparations or drawings of any of the above organs may be exhibited to be identified and described.

#### PART III.

*Physiological.* 1. The *animal functions*, namely, ordinary and special sensation, voluntary and involuntary motion.

2. The *nutritive functions*, namely, digestion, absorption, circulation, respiration, and secretion.

3. The *reproductive functions*, namely, modes of reproduction, and embryonic development.

#### *Special Examination in Mechanism and Applied Science.*

This Examination comprises the practical application of Mechanics, Hydrostatics, Hydraulics, Heat, Electricity, and Magnetism, in which three papers are set.

The following Schedule defines the range of the subjects in this Examination :—

#### MECHANISM AND APPLIED MECHANICS.

General principles of Machines and Mechanism, or Kinematics.

The elements of Applied Mechanics, including the laws and practical application of Friction and Elasticity, and strength of materials.

The elements of Graphical statics as applied to simple frames.

Steam and Steam Engines.

Candidates are expected to pay attention to clearness of drawing in such sketches as may be required in illustration of their written answers throughout this part of the Examination.

## HEAT.

Temperature ; thermometers. Expansion of solids and fluids ; coefficients of expansion. Calorimetry ; units of heat. Conduction, convection, and radiation of heat. Specific heat ; latent heat ; heat of combination. Laws of gases and of saturated vapours. General principles of heat engines ; Carnot's engine ; mechanical equivalent of heat. Steam and steam engines. Watt's Indicator, and interpretation of its diagram. Sources of heat.

## ELECTRICITY AND MAGNETISM.

Excitement of electricity ; conductors and non-conductors ; attraction and repulsion of electrified bodies ; positive and negative electricities ; electric induction ; electroscopes ; law of electric force ; electricity on surface of conductors ; electric density and distribution.

Electrical machines ; the electrophorus ; Holtz machine.

Electrical potential, and lines of electric force ; charge and capacity ; electrical condensers ; Leyden jar and battery of jars ; dielectrics.

Atmospheric electricity ; lightning conductors.

Magnetic attraction and repulsion ; magnetic induction ; modes of magnetising steel bars ; leading phenomena of terrestrial magnetism ; mariner's compass ; earth's magnetic force, and instruments for measuring it.

Voltaic element ; Volta's pile ; galvanic cells and batteries ; action of current on magnet ; galvanometers ; Ohm's law ; resistance ; Wheatstone's bridge ; electromagnets.

Telegraphy in its practical applications.

## SPECIAL EXAMINATION IN MUSIC.

This Examination has only been recently established. The first Examination was held in 1878, when the subjects of Examination for the Easter term were :—

1. Elementary Acoustics.
2. Counterpoint in not more than three parts.
3. Harmony in not more than four parts.

All the before mentioned Special Examinations are held twice a year, viz., at the end of the Easter and Michaelmas Terms. Those who are approved are divided into two classes ; the names of those in the FIRST class being arranged in order of merit, those in the SECOND class being arranged alphabetically.

B.A. DEGREE *jure natalium*.

Students entitled to the Degree of B.A. *jure natalium*, may be admitted to that Degree without passing the General Examination. They have simply to pass the Previous and one of the Special Examinations.

## HONOUR TRIPOSES.

In order to obtain a Degree with Honours, Students must first pass in both parts of the Previous Examination, and also in the additional subjects, and subsequently enter for one of the Triposes, which are as follows : Mathematical, Classical, Moral Sciences, Natural Sciences, Theological, Law, Historical, Semitic Languages, Indian Languages.

The Senate of Cambridge University has decided to admit female students, resident at either Girton or Newnham College, to the Tripos Examinations.



## THE MATHEMATICAL TRIPOS.

This Examination takes place annually. The Mathematical Tripos hitherto consisted of two sets of examinations, but after January 1882 it will be divided into three parts, and the changes will be in operation on all this year's freshmen.

The first part of the Examination, now held during the first week in January, will take place, under the new regulations, in the last week in May, and the second part will commence on the Monday following the second Sunday in June. Eight days after the first Examination, the examiners will declare which competitors have acquitted themselves so as to deserve mathematical honours. The principal regulations of the Examination being as follows :—

Questions and Problems are proposed to the Candidates on nine days, the first three days being assigned to the more elementary parts of Mathematics and Natural Philosophy, the fourth day to the easier parts of the higher subjects, and the last five days to the higher parts of Mathematics and Natural Philosophy.

After the first four days there is an interval of ten days ; and on the ninth of those days the Moderators and Examiners who have been engaged in the Examination of the first three days, taking account of that part of the Examination only, declare what persons have so acquitted themselves as to deserve Mathematical Honours. They are also empowered to declare what persons have so acquitted themselves as to deserve an ordinary Degree only, or to be excused from the General Examination.

Those who are declared to have so acquitted themselves as to deserve Mathematical Honours, and no others, are admitted to the rest of the Examination in the higher subjects, which includes Heat, Electricity, and Magnetism (both the elementary and the more advanced parts), in addition to those at present recognized in the Examination for the Mathematical Tripos ; and after that Examination, the Moderators and Examiners, taking into account the Examination of all the nine days, arrange in order of merit all the Candidates who have been declared to deserve Mathematical Honours into three classes of Wranglers, Senior Optimes, and Junior Optimes, and these classes are published in the Senate-house at nine o'clock on the Friday morning preceding the general B.A. admission.

An Undergraduate or Bachelor designate in Arts may be a Candidate for Honours in the Mathematical Tripos of any year, if at the end of the Examination for such Tripos he shall have entered upon his ninth Term at least, having previously kept eight Terms ; provided that not more than ten Terms shall have passed after the first of the said eight Terms ; and, excepting Candidates for Degrees *jure natalium*, no Student of a different standing shall be allowed to be a Candidate, unless he shall have obtained permission from the Council of the Senate.

A Student who has been admitted to the Degree of B.A. *jure natalium*, or is a Candidate for such Degree, may be a Candidate for Honours in the Mathematical Tripos of any year, if at the end of the Examination for such Tripos he shall have entered upon his seventh Term at least, having previously kept six Terms ; provided that not more than eight Terms shall have passed after the first of the said six Terms.

Any Student who may be admitted to the Examination in his seventh or ninth Term is required to keep that Term, and no certificate of approval shall continue in force, unless it shall appear, when he applies for admis-

sion to the Degree of Bachelor of Arts, that he has kept the said seventh or ninth Term.

The subjects of the Examination on the first three days are the following, treated without the Differential Calculus, and without the methods of Analytical Geometry :—

Euclid. Books I. to VI. Book XI. Props. I. to XXI. Book XII. Props. I. II.

Arithmetic ; and the elementary parts of Algebra ; namely, the rules for the fundamental operations upon algebraical symbols with their proofs, the solution of simple and quadratic equations, ratio and proportion, arithmetical, geometrical, and harmonical progression, permutations and combinations, the binomial theorem, and logarithms.

The elementary parts of Plane Trigonometry, so far as to include the solution and properties of triangles.

The elementary parts of Conic Sections, treated geometrically, but not excluding the method of orthogonal projections ; curvature.

The elementary parts of Statics ; namely, the equilibrium of forces acting in one plane and of parallel forces, the centre of gravity, the mechanical powers, friction.

The elementary parts of Dynamics ; namely, uniform, uniformly accelerated, and uniform circular motion, falling bodies and projectiles in vacuo, cycloidal oscillations, collisions, work.

The first, second, and third sections of Newton's Principia ; the propositions to be proved by Newton's methods.

The elementary parts of Hydrostatics ; namely, the pressure of fluids, specific gravities, floating bodies, density of gases as depending on pressure and temperature, the construction and use of the more simple instruments and machines.

The elementary parts of Optics ; namely, the reflection and refraction of light at plane and spherical surfaces, not including aberrations ; the eye ; construction and use of the more simple instruments.

The elementary parts of Astronomy ; so far as they are necessary for the explanation of the more simple phenomena, without the use of spherical trigonometry ; astronomical instruments.

The subjects of Examination on the fourth and on the last five days are arranged in five divisions, as follows :—

#### *First Division.*

|                                        |                           |
|----------------------------------------|---------------------------|
| Algebra.                               | Differential Equations.   |
| Trigonometry ; Plane and Spherical.    | Statics.                  |
| Theory of Equations.                   | Hydrostatics.             |
| Analytical Geometry ; Plane and Solid. | Dynamics of a Particle.   |
| Finite Differences.                    | Dynamics of Rigid Bodies. |
| Differential and Integral Calculus.    | Optics.                   |
|                                        | Spherical Astronomy.      |

#### *Second Division.*

|                                                         |                                                           |
|---------------------------------------------------------|-----------------------------------------------------------|
| Higher parts of Algebra and of the Theory of Equations. | Higher parts of Differential Equations.                   |
| Higher parts of Finite Differences.                     | Calculus of Variations.                                   |
| Elliptic Functions.                                     | Theory of Chances, including Combination of Observations. |
| Higher parts of Analytical Geometry.                    |                                                           |

*Third Division.*

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Newton's Principia, Book I., Sections IX. and XI. | Laplace's Coefficients.  |
| Lunar and Planetary Theories.                     | Attractions.             |
| Higher parts of Dynamics.                         | Figure of the Earth.     |
|                                                   | Precession and Nutation. |

*Fourth Division.*

|                  |                                                 |
|------------------|-------------------------------------------------|
| Hydrodynamics.   | Vibrations of Strings and Bars.                 |
| Theory of Sound. | Theory of Elastic Solids treated as continuous. |
| Physical Optics. |                                                 |
| Waves and Tides. |                                                 |

*Fifth Division.*

|                                                                                      |              |
|--------------------------------------------------------------------------------------|--------------|
| Expression of arbitrary functions by series or integrals involving sines or cosines. | Heat.        |
|                                                                                      | Electricity. |
|                                                                                      | Magnetism.   |

## THE CLASSICAL TRIPOS.

This Examination, which takes place annually, commences in every year on the fourth Monday after the last Saturday in January.

The Examination continues for eight days in the following subjects :— Latin and Greek Prose and Verse composition ; passages for translation selected from the best Latin and Greek authors, together with questions arising out of such passages ; Ancient History ; Classical Philology ; passages for translation taken from the works of (1) Plato and Aristotle, (2) the Philosophical and Rhetorical Treatises of Cicero, Lucretius de Rerum Natura, and Quintilian's *Institutio Oratoria*, with questions on the subject-matter of such passages, and of the entire works from which such passages are taken. A list of books recommended for the Philological Paper, and for the paper on the Latin and Greek philosophers and rhetoricians, is announced some time before the Examination takes place.

Any Undergraduate or Bachelor designate in Arts may be a Candidate for Honours in the Classical Tripos of any year if, at the end of the Examination for such Tripos, he shall have entered upon his ninth Term at least, having previously kept eight Terms ; provided that not more than ten Terms shall have passed after the first of the said eight Terms ; and, excepting Candidates for Degrees *jure natalium*, no Student of a different standing is allowed to be a Candidate, unless he has obtained permission from the Council of the Senate.

Any Student who has been admitted to the Degree of B.A. *jure natalium*, or is a Candidate for such Degree, may be a Candidate for Honours in the Classical Tripos of any year, if at the end of the Examination for such Tripos he shall have entered upon his seventh Term at least, having previously kept six Terms ; provided that not more than eight Terms shall have passed after the first of the said six Terms.

Any Student who may be admitted to the Examination in his ninth Term is required to keep that Term, and no certificate of approval shall continue in force, unless it shall appear, when he applies for admission to the Degree of Bachelor of Arts, that he has kept the said ninth Term.

Any Student who may be admitted to the Examination in his seventh Term is required to keep that Term, and no certificate of approval shall continue in force, unless it shall appear, when he applies for admission

to the Degree of Bachelor of Arts, that he has kept the said seventh Term.

If any Candidate has been prevented by illness or any other sufficient cause from attending part of the Examination, it is competent to the Examiners to recommend him for an Ordinary Degree, if he have acquitted himself so far with credit.

The names of Candidates who pass the Examination are arranged in three classes in order of merit ; the list being published at the end of the Lent Term in each year.

### THE MORAL SCIENCES TRIPOS.

This Examination takes place annually, and occupies six days, commencing on the last Monday in November in each year.

Any Undergraduate or Bachelor designate in Arts or Law may be admitted to the Examination in any year, if at the time of such Examination he has entered upon his eighth Term at least, having previously kept seven Terms; provided that not more than nine Terms shall have passed after the first of the said seven Terms; and, excepting Candidates for Degrees *jure natalium*, no Student of a different standing is admitted to the Examination, unless he has obtained permission from the Council of the Senate.

Any Student who has been admitted to the Degree of B.A. *jure natalium*, or is a Candidate for such Degree, may, without passing the Previous Examination, be admitted to the Examination in any year, if at the time of such Examination he shall have entered upon his sixth Term at least, having previously kept five Terms; provided that not more than seven Terms shall have passed after the first of the said five Terms.

A Student who has obtained Honours in the Mathematical or Classical Tripos of any year, may be admitted to the Examination in the following Michaelmas Term.

A Student who has obtained Honours in the Law Tripos, may be admitted to the Examination in the following Michaelmas Term; provided that not more than ten Terms shall have passed after his first Term of residence before he was admitted to the Law Tripos Examination.

An Undergraduate, or Bachelor of Arts, who has obtained Honours in the Natural Sciences Tripos in any year, may be admitted to the Examination in the following Michaelmas Term; provided that not more than nine Terms had passed after his first Term of residence before he was admitted to the Examination for the Natural Sciences Tripos, and provided also that no person shall present himself as a Candidate for Honours in the Moral Sciences Tripos on more than one occasion.

The subjects of Examination, with the books recommended, are as follows :—

#### I. *Moral and Political Philosophy.*

I. The different sources, occasions, or determining causes of human action, and their mutual relations : (i) Pleasure, pain ; desire, aversion, and their varieties : (ii) Will, freedom of will, practical reason : (iii) Conscience, moral sentiments, moral perception or judgment, moral reasoning : Theories of the origin of the moral faculty.

II. The good or ultimate end of rational action : happiness, right and wrong, moral obligation, moral excellence : rules and sanctions.

III. Exposition and classification of particular duties and virtues.



IV. Relation of Ethics to Psychology, Law, Politics, Theology.

V. The general principles of Jurisprudence, civil and penal : rights to property and services, and modes of acquiring them : contracts : rights and obligations attached to different private conditions : theory of punishment.

VI. The general principles of Politics : the different functions of government, and the modes of their distribution : mutual rights and obligations of governors and governed : general limits of governmental interference.

VII. The history of ethical and political opinion.

List of books recommended on this subject : Plato, Protagoras, Gorgias, Philebus, and Republic. Aristotle, Ethics. Cicero, De Finibus. Hobbes, Leviathan, Part i. c. 6—11, and 13—15. Clarke, Evidences of Natural Religion, Props. i—iv. Shaftesbury, Inquiry concerning Virtue. Butler, Sermons 1—3, 5, 8, 11. Adam Smith, Moral Sentiments. Hume, Inquiry into the Principles of Morals. Kant, Groundwork of the Metaphysic of Ethics. Paley, Moral Philosophy, Book VI. Bentham, Principles of Morals and Legislation, omitting c. xviii. (or the corresponding part of Dumont's work), and Principles of the Civil Code. Whewell, Lectures on Systematic Morality, and Lectures on the History of Moral Philosophy. Mill, Utilitarianism and Representative Government. Grote, Examination of Utilitarianism.

## II. *Mental Philosophy.*

I. Analysis and classification of mental powers and mental phenomena, and determination of their mutual relations : consciousness, sensation, emotion, volition, perception, memory, imagination, conception, judgment, reasoning.

II. Laws of mental development and association of mental phenomena.

III. Subject, object, and their relation in cognition : the origin and extent of knowledge : the criteria of truth and certainty.

IV. The Categories or fundamental forms of the object of knowledge, their origin and mutual relations : Space, time, substance, quantity, quality, relation, cause and effect.

V. The principal modes of Being, and their relations : mind, matter, and their different modes or qualities.

VI. Physiological concomitants of mental phenomena : organs of sense and nervous system.

VII. The history of metaphysical opinion.

List of books recommended on this subject : Descartes, Method and Meditations. Locke, Essay on the Human Understanding. Berkeley, Three Dialogues between Hylas and Philonous. Hume, Treatise on Human Nature, Book I. Reid, Essays on the Intellectual Powers (Hamilton's Edition). Kant, Kritik der reinen Vernunft. Hamilton, Lectures on Metaphysics. Ferrier, Institutes of Metaphysic. Bain, Handbook of Mental Science. Grote, Exploratio Philosophica. Spencer, Principles of Psychology. Calderwood, Philosophy of the Infinite.

## III. *Logic.*

I. Province of Logic, formal and material.

II. Functions of Language : names, and their kinds : definition, division, and classification : predicables and categories : scientific nomenclature and terminology : abstraction, conception, and generalisation.



III. Propositions and their import : opposition and conversion of propositions.

IV. Analysis and laws of syllogism.

V. The fundamental laws of thought, and their application to logical processes.

VI. The nature of the inductive process : ground of induction : connection between induction and deduction : analogy.

VII. Uniformities of nature, and their combinations : their analysis, and the methods of discovering and proving them: observation and experiment: scientific explanation : the nature and uses of hypothesis.

VIII. Doctrine of chance.

IX. Error, its nature and causes, and the safeguards against it : classification of logical fallacies.

X. Relation of Logic to Psychology, Metaphysics, Grammar : methods of different sciences.

List of books recommended on this subject, in addition to some elementary handbook : Aldrich, *Artis Logicæ Rudimenta*, with Introduction and Notes by Mansel. Kant, *Logic*. Whateley, *Logic*. Hamilton, *Lectures on Logic*. Mansel, *Prolegomena Logica*. De Morgan, *Formal Logic*. Boole, *Laws of Thought*. Bacon, *Novum Organon*. Whewell, *Novum Organon Renovatum*. Mill, *Logic*. Venn, *Logic of Chance*.

#### IV. *Political Economy*.

##### I. Preliminary.

The scope and method of Political Economy.

##### II. Production of Wealth.

Causes which affect or determine

- (i) The efficiency of capital and of labour, (ii) The difficulty of obtaining natural agents and raw materials, (iii) The rate of increase of capital and population.

##### III. Exchange and distribution of Wealth.

Causes which affect or determine

- (i) The value of commodities produced at home, (ii) The rent of land, (iii) Profits and wages, (iv) The value of currency, (v) The value of imported commodities.

Monopolies. Gluts and crises. Banking, and the Foreign Exchanges.

##### IV. Taxation.

The principles of taxation : the incidence of various taxes : public loans and their results.

##### V. History.

- (i) The gradual development of the existing forms of competition contract, credit and usury, and other economic habits and principles of action. (ii) The history of trade-associations and economic legislation. (iii) The history of the theories of Political Economy. Communism and Socialism.

##### VI. Applications to various practical subjects.

- (i) Industrial education. (ii) Co-operation. (iii) Trade combinations. (iv) Public and private charity.

The limits of the economic intervention of Government.

The relation of Political Economy to other branches of Social Science, and to Ethics.

List of books recommended on this subject: Adam Smith, *Wealth of Nations*. Ricardo, *Principles of Political Economy and Taxation*. Bastiat, *Essays on Political Economy*. Jones, on *Political Economy* (Whewell's Edition). J. S. Mill, *Essays on Unsettled Questions of Political Economy*. J. S. Mill, *Principles of Political Economy*. Fawcett, *Manual of Political Economy*. Thornton, on *Labour*. Bagehot, *Lombard Street*. Cairnes, *Some Leading Principles of Political Economy*. Leone Levi, *History of British Commerce*. Bretano, *History of Guilds*.

The names of the Students who pass the Examination with credit are placed according to merit in three classes; the places being determined by estimating the aggregate merits of each Student in all the subjects of Examination, and marks of distinction being affixed to the names of those who have shown eminent proficiency in particular subjects, but no credit is given to a Student in any subject unless it appear that he has shown a competent knowledge of that subject.

Candidates who may not be entitled to Honours may be declared by the Examiners to be entitled to an ordinary Degree, or to be excused the General Examination.

#### NATURAL SCIENCES TRIPOS.

In this Tripos, which is now divided into two parts, there are a *viva voce* Examination and a practical Examination, in addition to twelve papers; the regulations as to residence being precisely similar to those for the Moral Sciences Tripos. The subjects of the Examination are as follows:—1. Chemistry and certain other branches of Physics; 2. Botany, including Vegetable Anatomy and Physiology; 3. Geology, including Palæontology and Petrology; 4. Mineralogy; 5. Zoology and Comparative Anatomy, Human Anatomy, and Physiology.

The first part of the Examination is held annually in June, and occupies three days, the questions set being of an elementary character. The result of this part of the Examination is declared before the end of the Easter Term, and successful Candidates are divided into (1) those who are deserving of Honours; (2) those who are deserving of an ordinary Degree; and (3) those who are only entitled to be excused the General Examination. Those who come under the first two heads can at once take their Degree, provided they have completed their ninth Term of residence.

The second part of the Examination, to which only those who have been declared entitled to Honours are admitted, is held in the following December, and occupies five days or more. Six papers are set, the questions taking a wider range, and including a large number on the several subjects, some of which have special reference to the philosophy and history of these subjects.

This Tripos is divided into three classes, the first class being again divided into two divisions, these classes and divisions being determined by the merits of the Students in the two parts of the Examination. The first class comprises those who have shown superior proficiency in some one, at least, of the subjects mentioned above, and the subject or subjects for which the Student is placed in the first class is signified, and marks of distinction are affixed to the names of Candidates who have shown eminent proficiency in particular subjects. The names in each division of the first class, and in the second and third classes, are arranged in alphabetical

order, and not in order of merit, as is the case with the other principal Triposes.

In the papers set in the first three days, (in June), the questions are of a comparatively elementary nature, with a view to test a knowledge of principles rather than of details. Specimens are also exhibited for description and determination.

The Board of Natural Science Studies is empowered to define the parts of the several subjects to be included in the first three days of the Examination. At present these are as follows :

In Physics the questions to be limited to the elementary and fundamental parts of the subject, and, in particular, special attention to be paid to the definition of physical quantities, the general principles of measurement, the configuration and motion of a material system, the laws of motion, and the comparison of forces and of masses. In Sound, Light, Heat, Electricity, and Magnetism, only the fundamental laws, their simpler applications, and the experiments which illustrate them, to be required.

In Chemistry the questions to relate to the leading principles and experimental laws of Chemistry, the properties of the commoner elements and their principal inorganic compounds, the outlines of metallurgy, and simple qualitative and quantitative analysis.

In Mineralogy the questions to be confined to Elementary Crystallography, the general properties of minerals and the special characters of those species only which are of common occurrence.

In Geology the questions to be limited to Physical Geography, the interpretation of the structure of the crust of the earth and the history of its formation, so far as to involve only the elementary parts of Palæontology and Lithology.

In Botany the questions to relate to the elementary parts of Vegetable Morphology, Histology, and Physiology ; and to the principles of a natural system of classification.

Candidates to be required to describe flowering plants in technical language.

Questions not to be set in the first three days on Vegetable Palæontology, the Geographical Distribution of Plants, or details of classification.

In Zoology with Comparative Anatomy minor details are not to be included in the questions relating to classification. Geographical distribution of animals is held to be a part of Zoology, and Comparative Anatomy includes the structure of extinct as well as of recent forms.

Human Anatomy to include the mechanism of the human body, the comparison of its parts with those of lower animals, its development, &c. ; but the questions are to be of a simple and elementary character.

In Physiology the questions to be of a comparatively elementary character.

#### THEOLOGICAL TRIPOS.

The regulations for this Tripos, which has only recently been established, are, as regards residence, similar to those for the other Triposes which have already been given, with the exception that a Student who has obtained Honours in any Tripos is permitted to become a Candidate for Honours in this Tripos, provided that not more than six complete Terms have passed since the Examination for the Tripos in which he first obtained Honours.

The Examination is held annually in the month of January, in the following subjects :—

Old Testament (General Paper).

The Book of Genesis in Hebrew.

Greek Testament (General Paper).

The four Gospels, with special reference to one selected Gospel.

The Acts, the Epistles, and the Apocalypse, with special reference to selected portions.

Ecclesiastical History of the first six centuries ; special attention being paid to the History of Doctrine during the period.

The Book of Isaiah in Hebrew.

Selected Books of the Hebrew Scriptures and of the Septuagint.

The Ancient Creeds ; and the Confessions of the Sixteenth and Seventeenth Centuries, with special reference to the Articles of the Church of England.

Liturgiology.

Selected Works of Greek Ecclesiastical Writers.

Selected Works of Latin Ecclesiastical Writers.

Selected periods of Ecclesiastical History ; special attention being paid to the History of Doctrine during the periods.

Selected Works of modern Theological Writers.

The General Paper on the Old Testament contains questions (1) on the contents of the Old Testament Scriptures, and on the History of the Jews down to the Christian Era ; (2) on the authorship, date, substance, and form of the several Books. Questions are also set on the History of the Hebrew Text, and of the Greek and English Versions.

The General Paper on the Greek Testament contains questions on the formation of the Canon ; on the language ; on the authorship, date, and subject-matter of the several Books ; and on the History of the Greek Text, and of the principal Versions.

The Papers on the fixed Books of the Hebrew Scriptures contain passages for translation, and questions on the criticism, exegesis, and subject-matter of such Books.

The Paper on Genesis also contains passages for translation from the rest of the Pentateuch and the Historical Books. The Paper on Isaiah contains one or more passages for translations from the Hebrew Scriptures generally, and each Paper on the fixed Books contains one or more passages from the Hebrew Scriptures for pointing.

The Paper on the selected Books of the Hebrew Scriptures and of the Septuagint, and the two special Papers on the Greek Testament, contain passages for translation and questions on the subject-matter, criticism, and exegesis of such Books.

The Papers on Creeds and Confessions contain questions on their history, text, and subject-matter.

The Paper on Liturgiology contains questions on the text and subject-matter of the principal ancient Liturgies, and on the history of Christian Worship, with special reference to the Book of Common Prayer.

Public notice of all the variable subjects selected for the Examination in any year is given by the Board of Theological Studies before the beginning of the Michaelmas Term in the year next but two preceding the Examination.

The names of those Students who pass the Examination with credit are placed in three classes, the names in each class being arranged in alphabetical order; but no Student is classed who has not so acquitted himself in the first three days of the Examination as to deserve Honours.

No credit is given to a Student in any of the last eight Papers unless it appear to the Examiners that he has shown a competent knowledge in that Paper.

#### THE LAW TRIPOS.

The regulations for this Tripos, as regards residence, and in other respects, are similar to those mentioned in the foregoing Triposes, with the exception that Students who pass with credit in Honours have the option of taking the Degree of LL.B. instead of that of B.A. should they desire to do so.

The Examination takes place annually in December, the subjects being as Follows :—

1. General and Comparative Jurisprudence.
2. Passages for Translation, taken from the sources of Roman Law, particularly from Gaius, Ulpian, Justinian, and some specified portion of the Digest.
3. Questions on Roman Law and its History.
4. The English Law of Personal Property.
5. The English Law of Real Property.
6. English Criminal Law.
7. The Legal and Constitutional History of England.
8. Public International Law.
9. Essays or Problems on the subjects of Examination.

A list of Books on the foregoing subjects recommended are published eighteen months before the Examination.

#### HISTORICAL TRIPOS.

The regulations for this Examination are similar to those for the other Triposes. The subjects of the Examination are as follows :—

1. English History.
2. } Special subjects, to be selected, generally speaking, from the periods
3. } termed Ancient, Mediæval, and Modern respectively.
4. }

(Either (3) or (4) to be always taken from English History. In subjects (2), (3), and (4) some knowledge of the chief original sources will be expected.

5. Principles of Political Philosophy and of General Jurisprudence.
6. Constitutional Law and Constitutional History.
7. Political Economy and Economic History.
8. Public International Law in connection with selected Treaties.
9. Subjects for Essays.

The Board of Historical Studies gives notice, from time to time, of the variable subjects.

The names of those Candidates who acquit themselves so as to deserve Honours are arranged, in three classes, in order of merit; and, with regard to Candidates who are (1) only deserving of an ordinary Degree, or (2) of being excused the General Examination, the same rules apply as in the case of the other Triposes.



## THE SEMITIC AND INDIAN LANGUAGES TRIPOSES.

These Triposes have only been recently established, and no Examination has yet, in either case, been held.

DEGREES *jure dignitatis aut natalium*.

By the University Statutes, cap. 3, sect. 5, Degrees may be conferred, without residence or examinations or exercises, on the following persons, viz. :—

1. Privy Counsellors.
2. Bishops, or Bishops designate.
3. Noblemen :—Dukes, Marquises, Earls, Viscounts, Barons.
4. Sons of Noblemen, or their heirs apparent.
5. Deans of Cathedrals.
6. Heads of Colleges.

If, however, Noblemen, or the sons or heirs apparent of Noblemen, come to the University as *juvenes*, they can take the Degree of B.A. only, and must pass the same Examination for that Degree as other Students. Such persons are required to reside seven Terms, and may be Candidates for Honours in any of the Honour Triposes in their seventh Term of residence ; they do not wait for inauguration as Bachelors of Arts, but are at once admitted *ad perfectum gradum*.

No person taking a Degree *jure dignitatis* is entitled to a vote in the Senate, unless he shall have resided three Terms.

## UNIVERSITY AND COLLEGE FEES.

*Caution Money.*

The money paid on admission at each College is, for

|                       | £  | s. | d. |                 | £  | s. | d. |
|-----------------------|----|----|----|-----------------|----|----|----|
| Nobleman .....        | 50 | 0  | 0  | Pensioner ..... | 15 | 0  | 0  |
| Fellow-Commoner ..... | 25 | 0  | 0  | Sizar.....      | 10 | 0  | 0  |

The Caution Money remains in the hands of the Tutor, and is not returned till a person takes his name off the boards. Noblemen and Fellow-Commoners usually make a present of Plate to the College.

*Admission Fees (College).*

In addition to the caution, every Student on admission, or coming into residence, makes a payment, differing at different Colleges.

*Matriculation Fees (University).*

By Graces of the Senate it has been decreed that the Matriculation Fees paid to the Registry for the common chest be as follows :—

|                       | £  | s. | d. |                 | £ | s. | d. |
|-----------------------|----|----|----|-----------------|---|----|----|
| Nobleman .....        | 15 | 0  | 10 | Pensioner ..... | 5 | 0  | 0  |
| Fellow-Commoner ..... | 10 | 10 | 0  | Sizar.....      | 0 | 15 | 0  |

*Examination Fees (University).*

Every Student is required, upon admission to Examination in the first part of the Previous Examination, to pay a fee of twenty-five shillings, and the same sum before admission to the second part of the same Examination. Students have also to pay twenty-five shillings upon each occasion that they may enter for either part of the Examination.

Before admission to the General Examination, Students are required to pay the sum of twenty-five shillings ; and when unsuccessful, the same sum is again payable each time they present themselves for Examination.

*College Payments.*

In each College, a quarterly payment is made by each member of it, according to his Degree and condition, on a scale which differs in the several Colleges.

This payment includes the annual contributions made to the University. These payments may be compounded for in several Colleges, subsequent to the Degrees of D.D., B.D., LL.D., M.D., M.A., and LL.M.

*College Tuition Fees.*

The terminal payments of persons *in statu pupillari* in every College are the following :—

|                       | £  | s. | d. |                        | £ | s. | d. |
|-----------------------|----|----|----|------------------------|---|----|----|
| Nobleman .....        | 13 | 6  | 8  | Bachelor               |   |    |    |
| Fellow-Commoner ..... | 10 | 0  | 0  | Fellow-Com-            |   |    |    |
| Pensioner .....       | 6  | 0  | 0  | moner .....            | 2 | 10 | 0  |
| Sizar .....           | 2  | 0  | 0  | Bachelor of Arts ..... | 1 | 10 | 0  |

Capitation tax of 4s. 3d. per quarter for every name on the boards.

Such payments being made only during residence. No payment for tuition is required from non-resident Bachelors or Undergraduates.

*Fees for Degrees.*

The following RULES have been made by the Senate :—

1. That in lieu of the fees now payable to the common chest and to the officers and servants of the University by Candidates for Degrees, the following fees only be paid to the common chest, viz. :—

|                                                                                                                   | £  | s. | d. |
|-------------------------------------------------------------------------------------------------------------------|----|----|----|
| (a) On admission to the Degree of B.A. or LL.B. at the time or times of general admission .....                   | 7  | 0  | 0  |
| (b) On admission to the Degree of B.A. or LL.B. at any other time .....                                           | 10 | 10 | 0  |
| (c) On admission to the Degree of M.A. or LL.M., whether the Candidate be a Fellow of a College or not .....      | 12 | 0  | 0  |
| (d) On admission to the Degree of S.T.B., M.B., or Mus. B. ....                                                   | 8  | 0  | 0  |
| (e) On admission to the Degree of M.B. when the Candidate is a Bachelor of Arts or Bachelor of Laws .....         | 2  | 0  | 0  |
| (f) On admission <i>ad practicandum in medicina</i> .....                                                         | 2  | 0  | 0  |
| (g) On admission to the Degree of S.T.P. or LL.D. ....                                                            | 20 | 0  | 0  |
| (h) On admission to the Degree of M.D., whether the Candidate be a Bachelor of Medicine or a Master of Arts ..... | 10 | 0  | 0  |
| On admission to the Degree of M.C. (Master in Surgery), with no previous Degree .....                             | 18 | 0  | 0  |
| When the Candidate is B.A. or M.B. ....                                                                           | 12 | 0  | 0  |
| When the Candidate is B.A. and M.B. ....                                                                          | 6  | 0  | 0  |
| When the Candidate is M.A. or M.D. ....                                                                           | 1  | 0  | 0  |
| (i) On admission to the Degree of Mus. D., when the Candidate is Mus. B. ....                                     | 10 | 0  | 0  |
| (k) On admission to the Degree of Mus. D., when the Candidate has no Degree .....                                 | 15 | 0  | 0  |

The following TABLE of EXPENSE incurred by the Student, is calculated for one of the Colleges. The difference is not much at many other Colleges, but this must not be taken as the average annual expense.

| <i>Annual.</i>                      | £  | s. | d. |
|-------------------------------------|----|----|----|
| Tuition .....                       | 18 | 0  | 0  |
| Rooms, rent .....                   | 10 | 0  | 0  |
| Attendance, assessed taxes, &c..... | 6  | 5  | 0  |
| Coals .....                         | 3  | 10 | 0  |
| College Payments .....              | 5  | 7  | 4  |

*Cost of Living.*

|                                                                                                                                |    |    |   |
|--------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Breakfast, dinner, and tea, at 16s. 6d. a week,<br>for 25 weeks, making the average of 3 Terms'<br>residence in the year ..... | 20 | 12 | 6 |
| Laundress.....                                                                                                                 | 5  | 8  | 0 |

Amount £69 2 10

*Lodging-House Charges.*—Rent of rooms varies in the several Colleges from £4 to £30.

Price of lodgings—£6 to £15 per Term; the most frequent payment is £8 or £10; and half-price is paid in vacations.

Entertainment in rooms, attendance of a gyp, orders in the hall, are extra and optional.

The fee for private tuition is 9 guineas a Term, and 9 guineas for the long vacation.

Personal expenses and tradesmen's bills are independent of the place: they are paid by the Student himself, or through the Tutor, as may be found expedient.

No person *in statu pupillari*, lodging in a house not duly licensed, is considered as resident in the University or keeping Term.

## CAMBRIDGE UNIVERSITY ACCOUNTS.

### *Yearly Financial Statement.*

The principal items of the receipts are as follows:—Rental of property 2,843*l.* 0*s.* 8*d.*; Government Stock, 386*l.* 15*s.* 1*d.*; payments, by members of the University, 8,839*l.* 6*s.* 3*d.*; Matriculation fees, 3,298*l.* 1*s.*; Previous Examination fees, 2,072*l.* 10*s.*; General Examination fees, 521*l.* 5*s.* M.B. and M.D. fees, 248*l.* 17*s.*; fees for attendance on Professors' lectures, 338*l.* 12*s.* 6*d.*; fines and degree fees, 8,326*l.* 14*s.*; lodging-house licenses, 25*l.* 2*s.* 6*d.* The total amount of receipts was 26,900*l.* 4*s.* The payments consist principally of stipends and salaries. The paid University officers are the Vice-Chancellor, the Public Orator, the two Proctors, two pro-Proctors, Deputy High Steward, Registrary, Deputy Registrary, Librarian, Assessor to the Chancellor, Esquire Bedells; and the total payments to these officials absorbed, less Income-tax, the sum of 2,574*l.* 18*s.* 3*d.* There was paid to the University servants 658*l.* 3*s.* The Public Examiners entailed an expenditure of 1,675*l.* 10*s.* The stipends paid are inconsiderable. The two Moderators for the Mathematical Tripos receive 80*l.* each, the three Examiners 40*l.* each. The six Examiners for the Classical Tripos receive 50*l.* each. For the Previous Examination there are nine Examiners at 30*l.*, the stipends of the other Examiners vary from 30*l.* to 10*l.* each. The total

stipends of the Professors paid by the University was 6,044*l.* 10*s.* 4*d.* The Regius Professor of Law, the Woodwardian Professor of Geology, the Professor of Experimental Physics, each receive 500*l.*, the other Professors' amounts varying from 250*l.* to 400*l.* The stipends to other University teachers, secretaries, and curators amount to 1,129*l.* 16*s.* 9*d.* The Select Preachers, Assize, and Commencement Sermons cost 144*l.* 18*s.*, the maintenance of the Senate House, Schools, &c., cost 445*l.* 3*s.* 7*d.*, the Observatory, including the stipend to Professor Adams and his assistants, 815*l.* 10*s.* 7*d.*, while the Spinning-house, the University prison for women "suspected of evil," was a charge to the chest of 236*l.* 18*s.* 6*d.* Printing and stationery are charged at 1,257*l.* 3*s.* 2*d.*, including 429*l.* 17*s.* 2*d.* for the *University Reporter*, the official record of events. The total ordinary expenditure was 18,009*l.* 4*s.* 5*d.*; thus the excess of receipts over expenditure was 8,890*l.* 19*s.* 7*d.* Of this balance 7,000*l.* was transferred to the University Building and Library funds, in accordance with graces passed by the Senate. Extraordinary payments for purchase of Consols and site for Divinity School amounted to 1,623*l.* 3*s.* 11*d.*, while there was a balance due to the chest last year of 2,609*l.* 16*s.* 2*d.* The accounts also contain details of the receipts and expenditure of numerous trust funds, with which are endowed Professorships, prizes, and scholarships. Coming to the public buildings, the expenditure on the University Library was 3,287*l.* 7*s.* 9*d.*; on the Fitzwilliam Museum, 4,902*l.* 16*s.* 10*d.*; the new museums and lecture rooms, 2,309*l.* 3*s.* 3*d.*; the Botanic garden, 1,194*l.* 3*s.* 11*d.* The receipts from the local examinations, including a balance of 861*l.* 6*s.* 4*d.* from the previous year, amounted to 6,711*l.* 17*s.* 8*d.* Fees from Candidates and Schools brought in 5,497*l.*; the expense of Examiners was 3,732*l.* 10*s.*; printing 622*l.* 3*s.*; secretary and clerk 680*l.*; and after other payments the balance in hand is 1,388*l.* 14*s.*; showing that those Examinations produce a considerable revenue to the University. The State Medicine Examination produced 138*l.* 12*s.* in fees from Candidates, while the expenses of the Examination were 136*l.* 1*s.* 11*d.* The Board for superintending Non-Collegiate Students communicate a statement from which it appears that the fees received from Students amounted to 406*l.* 14*s.* The principal payments were the Censor, 200*l.*; rent of rooms and salary of clerk, 100*l.*; printing, stationery, insurance, &c., 44*l.* 3*s.* 2*d.* The scheme is now self-supporting.

### ADDITIONAL TEACHING POWER.

#### *Cambridge.*

The Vice-Chancellor, in his Report just issued, published a statement by the University Commissioners, who recommend among other things that provision should be made from College grants for additional teaching power by the institution of new permanent or temporary professorships, the employment of lecturers and readers, the increase in the stipends of some of the existing professorships, and the provision of retiring pensions.

### "READING FOR HONOURS."

The Syndicate appointed to consider whether Students should be encouraged to read for Honours in more than one Tripos have issued a report, in which they state they are of opinion that it would be inexpedient to require from Candidates for Honours in any Tripos a higher standard of attainment in other subjects than is at present imposed upon

them by the Previous Examination, but they consider it very desirable to give as much encouragement as possible to serious and effective work—such as is generally involved in reading for Honours—in more than one department of study. It appears to them that such reading is at present discouraged, partly by the absorbing nature of the preparation now required for either of the older Triposes (which still attract a majority of the Candidates for Honours), and partly, again, by the times at which the different Examinations are held. The interval between the Mathematical and Classical Triposes is at present so short that it is obviously almost impossible for a Candidate to do himself justice in both Examinations, while even the longer period intervening between either of these and any of the newer Triposes is not really sufficient to enable a Student to go through a satisfactory course of preparation for a second severe Examination in a large and diversified aggregate of subjects. Further, since the Examinations for these latter Triposes all take place in the Michaelmas Term or later, a Student who presents himself for any of them after taking Honours in Mathematics or Classics is forced to break into a fifth year of residence, whereby he is liable to incur an additional year's delay before he can enter upon his professional career. The Syndicate think it possible to diminish the first discouragement very materially and to remove the two others altogether by (1) carrying somewhat further the plan of dividing the Tripos Examinations, which has been already introduced to some extent in the case of the Mathematical and Natural Sciences Triposes; and (2) by placing all the Honour Examinations in May or June. They accordingly propose as follows:—1. The Classical Tripos shall be divided into two parts according to a scheme to be prepared by the Board of Classical Studies and approved by the Senate.—2. Both parts of the Classical Tripos Examination and of the Natural Sciences Tripos Examination shall take place in the latter part of the Easter Term, and separate class lists shall be issued for each part of the Examination. The Examinations for the Moral Sciences, Law, and History Triposes shall take place at about the same time.—3. Students may be Candidates for the first part of the Classical Tripos or Natural Sciences Tripos Examination at the end of their second, third, or, if they have already passed one of the Honours Examinations, fourth year.—4. They may be Candidates for the second part of the Classical Tripos or Natural Sciences Tripos Examination at the end of their third or fourth year, provided they have already passed the first part of their Examination.—5. They may be Candidates for the Moral Sciences, Law, or History Triposes at the end of their third, or, if they have already passed one of the Honours Examinations, fourth year.—6. No Student who has presented himself for any of the above Examinations may present himself on another occasion for the same Examination.—7. Students who pass any of the above Examinations in their third or fourth year shall be entitled to the B.A. Degree, provided they have kept the requisite number of Terms. Students who pass the first part of the Classical or Natural Sciences Tripos Examination in their second year shall be excused the General Examination for the B.A. Degree.

#### REPORT OF THE BOARD OF EXAMINATIONS.

The annual report of the Board of Examinations has been issued. During the year, the Board had under its supervision the Previous Examination, the General Examination, and the Special Examinations for



the Ordinary B.A. Degree. It appears that at the Previous Examination, held in the Easter Term, there were 369 candidates in Part I., of whom 128 passed in the first class, 178 in the second class, while 63 failed. In Part II. there were 422 candidates, of whom 111 passed in the first class, 193 in the second class, and 118 failed. Of the 184 candidates in additional subjects, 37 failed. At the Examination in the Michaelmas Term, 327 candidates in their first term of residence were examined in Part I., and only 15 failed. In Part II. there were 353 candidates and 50 failures. In additional subjects 59 failed out of 364 candidates. Of the other candidates in the Michaelmas Term, 51 out of 122 failed in Part I., while 75 out of 130 failed in Part II., while in the additional subjects 59 presented themselves and 15 were rejected. At the General Examination, held in the Easter Term, there were 272 candidates, and no less than 117 were rejected. Of the successful candidates, 20 obtained a first class, 37 a second class, 49 a third class, and 49 a fourth class. In the Michaelmas Term there were 189 candidates, and 57 were rejected. Nine obtained a first class, 21 a second class, 42 a third class, and 60 a fourth class. The results of the various Special Examinations for the Ordinary B.A. Degree were as follows:—In Theology, 156 candidates were examined in the Easter and Michaelmas Terms, of whom 41 failed; 9 were awarded a first class, 26 a second class, and 80 a third class. In Moral Philosophy there were no candidates either at the Easter or Michaelmas Terms examination. In Political Economy, out of 39 candidates, 11 were rejected, 5 obtained a first class, and 23 a second class. In Law, there were 54 candidates, 18 were rejected, 5 obtained a first class, and 31 a second class. In History, of 47 candidates, 26 were rejected, 3 obtained a first class, and 18 a second class. In Chemistry, 19 candidates offered themselves; 7 obtained a first class, 8 a second class, 1 was awarded an *ægrotat* degree, and 3 were rejected. In Geology, there were two candidates; both obtained a first class. In Botany, of 9 candidates, 4 were rejected, 1 obtained a first class, and 4 a second class. In Zoology, there were 2 candidates in the Easter Term, both of whom passed in the second class; in the Michaelmas Term 2 candidates presented themselves, and both were rejected. In Mechanism and Applied Science, there were 9 candidates; 3 obtained a first class, 4 a second class, and 2 were rejected. The total results of the Special Examinations are as under:—There were 339 candidates, 35 obtained a first class, 116 a second class, 80 a third class, one *ægrotat*, and 107 failed. The Examiner in Modern History reports that it cannot be said that the results are in any way satisfactory. There was but slight evidence of honest hard work, and still less of any attempt to understand the facts or appreciate the results of history. There were, of course, exceptions. The two candidates who obtained a first class in June were considerably in advance of the best in the second class, and showed a real grasp of the subject; while the single first class man in the later examination gave evidence of powers that would have deserved a very high place in the Historical Tripos. But the majority of the candidates relied almost entirely on their memory, a fact which appears to show that history is a bad subject for a pass examination, since, while the pass-man is especially tempted to rely on mere “cram,” it is difficult to set questions which shall be tolerably easy and at the same time test, to some extent at least, the reasoning powers. Questions which cannot be answered without thought require a greater amount of reading in this subject than in others. An

examination in history which shall be at once easy and satisfactory seems therefore to be impossible.

### THE EBRINGTON AND BOSWORTH PROFESSORSHIP OF ANGLIO-SAXON.

The Vice-Chancellor gave notice early in 1878 that there was established in the University an Anglo-Saxon Professorship under the name of "The Ebrington and Bosworth Professorship of Anglo-Saxon," and the election of a Professor was held at Clare College-lodge on the 15th May, 1878. The stipend not to be less than 500*l.* a year. Walter W. Skeat, M.A., of Christ's College, was the successful candidate.

### SCHOLARSHIPS.

CRAVEN SCHOLARSHIPS consist of 6 of 80*l.* per ann. each, tenable for 7 years if the Scholar shall continue a member of the University, but not otherwise. The Scholars are elected upon examination after public announcement of a vacancy in the number.

BARNES SCHOLARSHIP, tenable 4 years. Preference to Candidates educated on the foundation of Christ's Hospital, S. Paul's School, or the Merchant Taylors' School, London, and coming to the University direct from one of those Schools.

BATTIE SCHOLARSHIP is worth 30*l.* to 35*l.* per ann., and is governed by similar regulations to the Craven.

BROWNE SCHOLARSHIP of 21*l.* per ann. is tenable for 7 years. Candidates must be of not more than 3 years' standing in the University.

DAVIES SCHOLARSHIP of 30*l.* per ann. is regulated like the Craven.

PITT SCHOLARSHIP, worth about 45*l.* per ann., is tenable for 7 years upon the same terms as the Craven.

PORSON SCHOLARSHIP, of not less than 60*l.* per ann. for 4 years, is conferred upon Undergraduates who have not resided in the University more than 5 Terms. The examination is exclusively classical.

BELL SCHOLARSHIPS, of about 55*l.* per ann. each, are 8 in number, 2 of which are vacated annually. They are tenable for 4 years. Candidates must not be of more than one year's standing in the University.

TYRWHITT'S HEBREW SCHOLARSHIPS are 6 in number, 2 chosen annually, the senior receiving 30*l.* and the junior 20*l.* for 3 years. Candidates must be B.A., or of similar standing, and not of sufficient standing to take M.A. Degree.

CROSSE SCHOLARSHIPS consist of 3 of 20*l.* per ann. each, tenable for 3 years. The examination turns upon a knowledge of the Holy Scriptures in Hebrew and Greek, and of Ecclesiastical History.

SHEEPSHANKS ASTRONOMICAL EXHIBITION, about 50*l.* per ann., tenable for 3 years, is awarded to that Undergraduate who upon examination is found best versed in Astronomy, theoretical and practical.

LUMLEY EXHIBITIONS consist of 5 of 15*l.* per ann. each, awarded to poor scholars of Oxford or Cambridge educated in School at Thornton, Yorkshire.

TRAVELLING BACHELORS have not been elected since 1855.

ABBOTT SCHOLARSHIP.—In 1871 the late John Abbott, Esq., of Halifax, bequeathed the sum of 4,000*l.* to found 2 Scholarships for Undergraduates in their first year, tenable for 3 years.

LIGHTFOOT SCHOLARSHIP for History. The Rev. Joseph Barber Lightfoot, D.D., transferred to the University in 1870 the sum of 4,500*l.* for the

purpose of founding 3 Scholarships for the study of Ecclesiastical History. Each Scholarship is tenable for 3 years, one-third of the annual interest to be paid to each Scholar.

**WADDINGTON SCHOLARSHIP.**—In 1870 the Misses Waddington transferred a sum of 3,000*l.* in 3 per cent. consolidated bank annuities, for the purpose of founding a Classical Scholarship in memory of their brothers, the late Very Rev. George Waddington, D.D., and the Right Hon. Horatio Waddington, M.A. The Scholarships are tenable for 5 years, to an Undergraduate of not more than 3 years' standing. The examination is exclusively classical. The stipend will consist of the whole of the annual dividends.

**WHEWELL SCHOLARSHIPS** for International Law. The late Rev. W. Whewell, D.D., late Master of Trinity College, made provision for the endowment of 8 Scholarships of International Law; all Candidates to be under the age of 25 years. 2 Scholarships are chosen every year, and are tenable for 4 years. One receives an annual payment of 100*l.*, and the other an annual payment of 50*l.*

### PRIZES.

**CHANCELLOR'S MEDALISTS.**—Two gold medals of the value of fifteen guineas each are given annually to 2 commencing B.A.'s, who, having obtained Senior Optimes at least, are most proficient in classical learning.

**MEMBER'S PRIZEMEN.**—The Members of Parliament for the University give annually 4 prizes of fifteen guineas each, to 2 B.A.'s and 2 Undergraduates who compose the best dissertations in Latin prose.

**SIR WILLIAM BROWNE'S MEDALISTS** consist of 3 Undergraduates annually selected as follows :—The 1st, who writes the best Greek Ode in imitation of Sappho; the 2nd, who writes the best Latin Ode in imitation of Horace; and the 3rd, the best Latin and Greek Epigrams.

**PORSON PRIZE** consists of 20*l.*, given annually to such resident Undergraduate as shall make the best translation of a proposed passage from an English Dramatist into Greek Verse.

**POWIS MEDAL** is given annually in prize for the best exercise in Latin Hexameters. Competed for by Undergraduates who shall have resided 2 Terms in University previous to the exercises being sent in.

**SMITH'S PRIZES** consist of 2 annually, of 25*l.* each, awarded to the 2 commencing B.A.'s who are the best proficient in Mathematics and Natural Philosophy.

**ADAM'S PRIZE** is awarded once in 2 years to some member of the University who, having previously taken his Degree, shall have sent in the best Essay on Pure Mathematics, Astronomy, or other branch of Natural Philosophy.

**SEDGWICK PRIZE** is given every third year to a resident Undergraduate for the best essay on some geological or other scientific subject given out previously by the Professor of Geology.

**CHANCELLOR'S MEDALIST FOR LEGAL STUDIES** is chosen after examination in legal acquirements by Examiners for Degrees of Bachelors of Law. Competitors must be below standing of M.A., and have acquired the B.A. Degree or be Bachelors of Medicine.

**NORRISIAN PRIZE** is awarded once in 5 years for the best prose essay on a sacred subject chosen by University authorities. The prize consists of a gold medal, books, and money, or money (about 60*l.*) alone, at the option of the Prizeman.

**HULSEAN PRIZE** consists of 40*l.*, annually awarded to a member of the University below the standing of M.A., for the best English dissertation in support of the truths of Christianity, the subject for each year being selected by the authorities.

**SIR PEREGRINE MAITLAND'S PRIZE** is given once in 3 years for the best English essay on Missionary Labour, the precise subject having been previously named. Candidates must not be over 10 years' standing in the University.

**BURNEY PRIZE** is awarded annually to a Graduate of less than 3 years' standing who shall have produced the best English essay on some moral or metaphysical subject, on the existence, nature, and attributes of God, or on the truth of Christianity. Prize, One Hundred Guineas.

**LE BAS PRIZE** of 60*l.* per ann. is awarded for the best essay on a subject of General Literature previously selected.

**EVANS PRIZE.**—A sum of 300*l.* was given to the University for the purpose of founding a prize, bearing the late Archdeacon's name, to be given annually to those Students who distinguish themselves in the Theological Examination at Cambridge.

**HEBREW PRIZE.**—The sum of 400*l.* Indian Stock has been appropriated to found a prize for the encouragement of the study of Hebrew. The annual income to be given to the successful Student.

**DR. JEREMIE'S SEPTUAGINT PRIZE.**—In 1870 the Very Rev. James Amiraux Jeremie, D.D., Dean of Lincoln, gave the sum of 1,000*l.* to found 2 annual prizes for the encouragement of a critical study of the Old Testament and the New Testament. The net proceeds of the fund to be divided equally, and to be spent in books.

**HARNESS PRIZE.**—In 1870 the late Rev. William Harness, M.A., left 500*l.*, 3 per cent., for the foundation of a prize for the best essay on Shaksperian Literature. The prize shall be given once in 3 years, and the accumulated interest will constitute the prize.

**WINCHESTER READING PRIZES.**—In 1866 a fund producing 40*l.* per ann. was accepted from an anonymous donor to found the above prizes, 2 yearly, the Examination to be confined to reading in public in Classical English Prose and Poetry, and in the Old and New Testament and the English Liturgy.

**CARUS GREEK TESTAMENT PRIZES** consist of 2 annually; the one awarded to a Student admitted B.A. or to an equivalent Degree in Law, and the other to any Students below B.A. for proficiency in the Greek Testament. The prizes are given in books, and are worth about 10*l.* each.

**SCHOLEFIELD PRIZE** of 15*l.*, annually awarded to that Student among the Middle Bachelors who, being First Class in Honours in the Theological Examination of the year, shall be deemed also most proficient in the study of the Greek Testament and the Septuagint.

**HARE PRIZE** of 60*l.* is awarded once in 4 years to the author of the best English dissertation on some subject in Greek or Roman History selected by the University authorities.

**KAYE PRIZE** of 60*l.* is awarded once in 4 years to the Graduate of not over 10 years' standing who produces the best English dissertation upon some subject of Ecclesiastical History or course of Scripture given out by the Vice-Chancellor.

**CHANCELLOR'S ENGLISH MEDALIST** is chosen annually from the resident Undergraduates. The prize is given for the best English poem in heroic



verse, composed upon some subject announced previously by the authorities.

**SEATONIAN PRIZE** of 40*l.* is awarded annually to that M.A. who shall write the best English poem on a sacred subject, chosen previously by the authorities.

**COBDEN PRIZE** of 60*l.* is awarded once in 3 years to the member of the University of not more than three years' standing from his first Degree who shall write the best essay on some subject connected with Political Economy. The prize is given in money.

**YORKE PRIZE** is awarded annually to the author, being a Graduate of the University, of the best essay on some subject relating to "The Law of Property, its Principles and History in various Ages and Countries." Candidates must not be of more than seven years' standing from admission to their first Degree. The value of the prize is a little over 150*l.*

### UNIVERSITY AND COLLEGE PRIZES.

The prizes for the encouragement of literature, free and open to competition for the whole University, amount to upwards of 1,500*l.*, three-fourths of which are given for Classics and English Composition.

The amount of the annual prizes in the different Colleges is about 800*l.*, more than half of which are given for the encouragement of Classical Literature.

### CAMBRIDGE TERMS.

*Michaelmas Term* begins on Oct. 1st, and ends on Dec. 18th.

*Lent Term* begins on Jan. 13th, and ends on Friday before Palm Sunday.

*Easter Term* begins on Friday after Easter Day, and Ends on the Friday after the last Tuesday but one in June, that Tuesday being commencement day.

### COLLEGES.

#### CAIUS, OR GONVILLE AND CAIUS COLLEGE,

founded originally in 1348 under the name of Gonville Hall, which was changed to that of Caius, after Dr. Caius, who in 1558 obtained for it a royal charter and refounded it. It possesses 31 Fellowships, 13 senior and 18 junior, which are awarded among the College Graduates, and are generally tenable for 10 years, marriage notwithstanding. It has 36 Scholarships (tenable until the scholar is of sufficient standing to take the B.A. Degree), consisting of 9 of 60*l.*, 9 of 40*l.*, 6 of 30*l.*, and 12 of 20*l.* per ann., all open. The College has also 4 Studentships in Medicine, called the Tancred Studentships, each of the annual value of 113*l.* 8*s.*, and tenable for 8 years. Caius College has the patronage of 19 benefices. Some eminent Physicians have been members of this College, notably Harvey, the discoverer of the circulation of the blood.

*Master*.—Norman MacLeod Ferrers, M.A., F.R.S., elected 1880.

Fees on admission :—Fellow-Commoner, 28*l.* 8*s.* 4*d.*; Pensioner, 7*l.* 15*s.* 10*d.* Rent, 8*l.* to 10*l.* per ann.

#### CAVENDISH COLLEGE.

This College was founded by the County College Association with the following objects :—

(1) To enable Students somewhat younger than ordinary Undergraduates to pass through a University course and obtain a University degree.

(2) To train in the art of teaching those students who intend to become Schoolmasters.



(3) To secure the greatest practicable economy in cost as well as time.

The foundation stone of the present buildings was laid on October 26th, 1876, by His Grace the Duke of Devonshire, Chancellor of the University, and first President of the College, who had previously conferred upon it the privilege of bearing his name.

By a Grace passed on the 9th of November, 1882, Cavendish College was recognised by the Senate of the University of Cambridge as a Public Hostel, and thereby attained a footing independent of the Non-Collegiate Board, under whose direction the College had until that time been placed.

The usual age of admission being between 16 and 17, a degree may be taken at 19.

The College charges for lodging, board (with an extra term in the long vacation), Tuition and University fees are 84*l.* per annum.

A Scholarship of 50*l.* per annum is given yearly by Sir A. C. Stepney, Bart., and an Examination is held in August for the award of several 30*l.* Scholarships, given by the Duke of Devonshire, the Clothworkers' Company, S. Morley, Esq., M.P., E. B. Foster, Esq., and G. E. Foster, Esq.

There are upwards of 90 undergraduates in residence.

*Trustees and Directors.*—His Grace the Duke of Devonshire, K.G., Chancellor of the University of Cambridge, President; the Right Hon. the Earl Fortescue, Trustee; the Right Rev. the Lord Bishop of Winchester, Trustee; the Right Rev. the Lord Bishop of Durham; the Right Hon. Sir H. Brand, G.C.B., M.P., Speaker of the House of Commons, Trustee; the Rev. W. H. Thompson, D.D., Master of Trinity College, Cambridge, Trustee; Ebenezer Bird Foster, Esq. Anstey Hall, Trumpington, Cambridge, Trustee; Thomas Coote, Esq., Fenstanton, Hunts, Trustee; the Rev. F. W. Farrar, D.D., Archdeacon and Canon of Westminster, Trustee; Samuel Morley, Esq., M.P., Trustee; Rev. J. L. Brereton, M.A., Prebendary of Exeter, Rector of Little Massingham, Norfolk; Thomas Brown, Esq., Marham Hall, Norfolk; George Edward Foster, Esq., Brooklands, Cambridge; G. D. Liveing, Esq., M.A., Professor of Chemistry, Cambridge; Robert Sayle, Esq., Leighton House, Trumpington, Cambridge; Rev. R. B. Somerset, M.A., Trinity College, late Censor of Non-Collegiate Students, Cambridge; Arthur Sperling, Esq., Lattenbury Hill, St. Ives, Hunts; W. Aldis Wright, Esq., M.A., Fellow and Bursar of Trinity College, Cambridge.

*Secretary.*—R. Booth, Esq., 4, Stone Buildings, Lincoln's Inn, London, W.C.

*Warden.*—John Cox, M.A., late Fellow of Trinity College, Cambridge.

*Chaplain.*—Rev. H. E. Maddock, M.A., Fellow of Clare College, Cambridge.

*Tutors.*—J. H. Flather, M.A., Emmanuel College, Cambridge; Rev. H. E. Maddock, M.A., Fellow of Clare College, Cambridge; Rev. F. L. Brereton, M.A., Cavendish College, Cambridge; W. H. Madden, M.A., Clare College, Cambridge.

*Bursar and Praelector*—J. H. Flather, M.A.

#### CHRIST'S COLLEGE

was founded in 1505 upon an old foundation by the mother of Henry VII. It now possesses a Master, 15 Fellows, and 29 Scholars. The Scholarships consist of 12 of 70*l.*, 6 of 50*l.*, 11 of 30*l.* per ann. 16 benefices in gift. 125 Undergraduates in 1882.

*Master.*—Charles Anthony Swainson, D.D., elected 1881.

Fees on admission :—Fellow-Commoner, 7*l.* 8*s.*; Pensioner, 1*l.*; Sizar, 10*s.*; B.A., 4*l.* Rent, 4*l.* to 18*l.*

## CLARE COLLEGE

was founded in 1326 by a sister of the Earl of Clare. It possesses 18 Fellowships, 8 senior and 10 junior, generally tenable for ten years. Open to B.A.'s and those of higher Degree, without restriction as to marriage, and obtainable by election of the Master and Fellows. It has 24 Scholarships—8 of 60*l.*, 8 of 40*l.*, and 8 of 20*l.* per ann. Patronage, 17 benefices.

*Master.*—Edward Atkinson, D.D., elected in 1856.

Fees on admission :—2*l.*; Rent from 3*l.* to 15*l.* a year; B.A., 3*l.* 10*s.*

## CORPUS CHRISTI COLLEGE

was founded in 1352, and now consists of a Master, 12 Fellows, and 31 Scholarships; 4 of 60*l.*, 4 of 50*l.*, 4 of 40*l.*, 6 of 30*l.*, 4 of 25*l.*, 9 of 20*l.* per ann. 8 of these Scholarships are awarded annually to the Freshmen most distinguished in the College Examination early in June, and are tenable for 3 years. 11 benefices in gift.

*Master.*—Thomas Fowler, M.A.

Fees on admission :—Fellow-Commoner, 1*l.* 13*s.*; Pensioner, 16*s.* 6*d.*; B.A., 5*l.* 1*s.* Rent, 6*l.* to 18*l.*

## DOWNING COLLEGE,

founded in 1800 under Sir G. Downing's will, consists of a Master, 2 Professors, and at least 8 Fellows, besides 10 Foundation Scholarships of the value of 50*l.* to 80*l.* per ann., and the Minor Scholarships of 60*l.*

*Master.*—T. Worsley, D.D., elected 1836.

Rent, 4*l.* to 8*l.* per Term.

## EMMANUEL COLLEGE,

founded in 1584 by Sir W. Mildmay, possesses 12 open Fellowships, and 2 on a special foundation by Sir W. Dixie. It has 12 Scholarships of 60*l.*, 10 of 30*l.* per ann., and others of smaller sums, besides Exhibitions and Prizes. 21 benefices, etc., in gift.

*Master.*—S. G. Phear, D.D., elected Oct. 1871.

Fees on admission :—Fellow-Commoner, 6*l.* 10*s.*; Pensioner, 1*l.* 15*s.*; B.A., 4*l.* 11*s.* Rent, 16*l.* to 24*l.* a year.

## JESUS COLLEGE,

founded by John Alcock, Bishop of Ely, in 1496, possesses 16 Foundation open Fellowships and nearly 40 Scholarships, varying from 50*l.* to 16*l.* per ann., besides several valuable prizes to deserving Students. 15 benefices in gift.

*Master.*—G. E. Corrie, D.D., appointed in 1849.

Fees on admission :—7*s.* 6*d.*; B.A., 3*l.* 1*s.* Rent, 9*l.* to 15*l.*

## KING'S COLLEGE,

founded by Henry VI. in 1441, consists of a Provost, 46 Fellows, and 48 Scholars. 24 of the Scholarships belong to Eton School, and 24 are open, but the number belonging to Eton must be completed before the others are established. There are several valuable Prizes. 39 benefices, etc., in gift.

*Provost.*—Richard Okes, D.D., elected 1850.

## MAGDALENE COLLEGE,

founded in 1519 by Thomas Lord Audley, possesses 7 open Fellowships, 12

Scholarships varying from 60*l.* to 20*l.* per ann., besides Exhibitions and Prizes. 7 benefices, etc.

*Master*.—The Hon. Latimer Neville, M.A., appointed in 1853.

Fees on admission :—Fellow-Commoner, 6*l.*; Pensioner, 3*l.*; Sizar, 1*l.* 10*s.* Rent, 6*l.* to 24*l.*; B.A., 5*l.* 1*s.*

#### PEMBROKE COLLEGE,

founded in 1347 by the widow of Aymer de Valence, Earl of Pembroke, possesses 13 Foundation open Fellowships, 2 bye-Fellowships, and 24 Scholarships. 12 benefices in gift.

*Master*.—C. E. Searle, M.A., elected 1880.

Fees on admission :—3*l.*; B.A., 4*l.* 1*s.* Rent, 6*l.* to 10*l.* a year.

#### QUEEN'S COLLEGE,

founded in 1448 by the Queen of Henry VI., and refounded by the consort of Edward IV., consists of a President and 14 Foundation Fellows. It has 18 Scholarships, ranging from 50*l.* to 30*l.* per ann., besides Exhibitions of value. 10 benefices in gift.

*President*.—George Philips, D.D., elected 1857.

Fees on admission : Fellow-Commoner, 1*l.* 1*s.* 8*d.*; Pensioner 11*s.* 1*d.*; B.A., 5*l.* 9*s.* 6*d.* Rent, 9*l.* to 16*l.* a year.

#### SELWYN COLLEGE.

This College, incorporated by Royal Charter 1882, and recognised as a Public Hostel of the University 1883, was founded in memory of Bishop Selwyn, with the twofold object of giving a University education in accordance with the principles of the Church of England, and of conferring the benefits of College life and teaching on those who cannot afford the usual expenses at the older Colleges.

*Master*.—The Hon. and Rev. A. T. Lyttelton, M.A.

*Visitor*.—The Archbishop of Canterbury.

*Council*.—The Earl of Powis, Lord Bagot, the Bishop of Durham, the Bishop of Ely, the Dean of Lichfield, the Provost of Eton, the Regius Professor of Divinity, Cambridge, the Regius Professor of Divinity, Oxford, Bishop Abraham, Bishop Hobhouse, Sir H. Wilmot, Bart., M.P., Sir W. Farquhar, Bart., Archdeacon Balston, the Rev. W. Selwyn, the Rev. V. H. Stanton, and W. Ford, Esq.

*Tutors*.—The Master and the Rev. G. H. Sing, M.A.

*Lecturers*.—The Rev. J. T. Ward, M.A.; the Rev. P. H. E. Ryle, M.A.; and the Rev. A. J. Maclean, B.A.

*Bursar*.—Lt.-Col. H. C. Watson.

A Scholarship of 50*l.* per annum will be offered in October, 1883.

The cost of the College course is 81*l.* per annum, including board, lodging, etc., and tuition. The branches of study include all those recognised by the University. There are at present 29 Undergraduates in residence, and 20 more will be admitted in October.

#### SIDNEY SUSSEX COLLEGE,

founded in 1598, consists of a Master and at least 10 Fellowships, all open. It has 18 Foundation Scholarships of 40*l.* per ann., and 20 others varying

from 50*l.* to 10*l.* per ann., besides 8 Exhibitions and several Prizes. 7 benefices in gift.

*Master*.—Robert Phelps, D.D., elected 1843.

Fees on admission :—Fellow-Commoner, 3*l.* 3*s.*; Pensioner, 2*l.* 2*s.*; Sizar, 1*l.* 10*s.*; B.A., 3*l.* 15*s.* Rent, from 7*l.* to 16*l.* a year.

#### S. CATHARINE'S COLLEGE,

founded in 1473, by Dr. R. Wodelarke, Chancellor of the University, consists of a Master and 9 Fellows. It possesses 26 open Scholarships, varying from 50*l.* to 25*l.* per ann. Patronage of 5 appointments.

*Master*.—C. K. Robinson, D.D., elected 1861.

Fees on admission :—Fellow-Commoner, 1*l.* 10*s.* 6*d.*; Pensioner, 13*s.* 6*d.*; Sizar, 7*s.* 6*d.*; B.A., 4*l.* 2*s.* Rent, 7*l.* to 12*l.*

#### S. JOHN'S COLLEGE,

founded in 1511 by Margaret, mother of Henry VII., foundress of Christ's, consists of a Master, 56 Fellows, 60 Foundation Scholars, 50*l.* per ann., and 8 Minor Scholars, 40*l.* per ann., both Fellowships and Scholarships being open to all British subjects. It has also Law and Divinity Studentships, 2 of the former worth 150*l.* per ann., tenable 4 years; a Hebrew Scholarship of 32*l.* per ann., tenable 3 years, and several valuable Exhibitions. 51 benefices in gift and several Schools.

*Master*.—Rev. Charles Taylor, M.A.

Fees on admission :—Fellow-Commoner, 5*l.* 3*s.*; Pensioner, 2*l.* 3*s.*; Sizar, 1*l.* 1*s.* 6*d.*; B.A., 5*l.* 2*s.* Rent, from 10*l.* to 22*l.* a year.

#### S. PETER'S COLLEGE,

founded in 1257 by Hugh de Balsham, Bishop of Ely, consists of a Master, 14 Fellows, and 23 Scholars. At present these numbers are not reached. 12 benefices in gift.

*Master*.—J. Porter, M.A., elected 1876.

Fees on admission :—Fellow-Commoner, 13*l.* 18*s.* 10*d.*; Pensioner, 2*l.* 12*s.*; B.A., 5*l.* Rent from 6*l.* to 26*l.* a year.

#### TRINITY COLLEGE,

founded in 1546, endowed by Henry VIII., consists of a Master, 60 Fellows, 72 Scholars, and 6 Minor Scholars on the Foundation. It has numerous Exhibitions from Westminster, S. Paul's, Shrewsbury, and Warwick Schools, and 16 Sizarships worth 16*l.* per ann. each, besides sub-Sizarships and many Prizes. 65 benefices in gift.

*Master*.—William H. Thompson, D.D.

Fees on admission :—Fellow-Commoner, 12*l.* 5*s.* 6*d.*; Pensioner, 5*l.*; Sizar, 2*l.* 15*s.*; B.A., 1*l.* 12*s.* Rent from 9*l.* to 30*l.* a year.

#### TRINITY HALL,

founded in 1350, for the study of Law, by Bishop Bateman, possesses 13 Fellowships, 10 of which are lay (not vacated by marriage), 16 Scholarships, 3 Law Studentships of 50*l.* per ann., tenable for 3 years, 2 Exhibitions, and many Prizes. 9 benefices in gift.

*Master*.—Sir Henry James Sumner Maine, K.C.S.I.

Fees on admission :—Fellow-Commoner, 4*l.* Pensioner, 3*l.*; B.A., 3*l.* Rent, from 12*l.* to 24*l.* a year.

## NON-COLLEGIATE STUDENTS OF THE UNIVERSITY.

Previously to the year 1858 no Student could be admitted a Member of the University who was not entered on the Boards of a College. In that year Statutes were confirmed providing for the establishment and regulation of Hostels for the reception of Students who should be matriculated and admitted to all the privileges of the University without being of necessity entered as Members of any College. No such Hostel, however, is now in existence.

In the year 1869 a Statute was confirmed in accordance with which Students may be admitted Members of the University without being Members of any College or Hostel. Such Students keep Terms by residing in Cambridge with their parents or in lodgings duly licensed, and are entitled to be matriculated, examined, and admitted to Degrees in the same manner and with the same status and privileges as Students who are Members of Colleges. They are under the jurisdiction of the Vice-Chancellor and Proctors, and are required to pay due obedience to all academical regulations.

All applications for admission and other communications are to be addressed to the Censor, the Rev. R. B. Somerset, Trumpington Road, Cambridge.

## EXAMINERS.

*Mathematical Tripos*.—Mr. P. Frost, John's; Mr. H. M. Taylor, Trinity.

*Classical Tripos*.—Mr. Moule, Corpus; Mr. Reid, Caius; Mr. Peile, Christ's; Mr. Nixon, King's; Mr. Jenkinson, Trinity; Mr. Archer-Hind, Trinity. Part II., Michaelmas Term, 1882: A. Mr. Graves, John's; Mr. Weldon, King's. B. Mr. Jackson, Trinity; Mr. Hicks, Trinity. C. Mr. Reid, Caius; Mr. Heitland, John's. D. Prof. Colvin, Mr. Burn, Trinity. E. Mr. Roberts, Caius; Mr. Postgate, Trinity.

*Moral Sciences Tripos*.—Mr. H. Sedgwick, Trinity; Mr. C. J. Munro, Trinity; Mr. J. Sully, M.A., Lond.; Mr. Foxwell, John's.

*Natural Sciences Tripos*.—Mr. Watson, Professor Lewis, Mr. Vines, Christ's; Dr. W. H. Gaskell, John's; Lord Rayleigh, Mr. Roberts, Cla.; Mr. Vernon Harcourt, Ch. Ch., Oxford; Mr. A. M. Marshall, John's.

*Theological Tripos*.—Two of the Theological Professors, Mr. Stanton, Trinity; Mr. Streane, Corpus Christi; Mr. Chapman, Emmanuel; Mr. Wallis, Caius.

*Law Tripos*.—Prof. Clark, Trinity; Mr. Kenny, Downing; Mr. Odgers, Trinity Hall; Mr. Mozley, King's.

*Historical Tripos*.—Mr. Browning, King's; Mr. Bright, Master of University, Oxford; Mr. Thornely, Trinity Hall; Mr. V. H. Stanton, Trinity.

## CAMBRIDGE.

The Special Board for Mediæval and Modern Languages recommend that a tripos should be established in modern languages and literature, that a knowledge of French and German should be required of all candidates, and further, that a complete examination in these languages should include questions on grammar, historical grammar, and philology, and on the history of literature as well as a *vivâ voce* examination in the spoken languages. The Board also recommend that candidates should be required to write an English essay on some subject connected with the French and German language and literature. The Board also recommend that the examination for this tripos should be available for students who have made English a



special study. They would require such students to satisfy the examiners in the first four papers in French and German, and in the *vivâ voce* examination, and afterwards to take five papers in English in place of the last five papers in French and German. The report contains a schedule of the plan of examination and the subjects of the various papers to be set, and also regulations for the proposed new tripos. The proposed regulations provide that a student may be a candidate if at the time of the examination he be in his eighth term at least, having previously kept seven terms, provided that nine complete terms shall not have passed after the first of the said seven terms unless the candidate shall have previously obtained honours in one of the honour examinations of the University, in which case he may be a candidate provided that twelve complete terms shall not have passed after the first of the said seven terms. The names of the students who acquit themselves so as to deserve honours are to be published alphabetically in three classes: those who distinguish themselves in French or German shall have the letter F or G prefixed to their names, and those who pass the English part of the examination shall have the letter E similarly prefixed.

### NEW PROFESSORSHIPS AT CAMBRIDGE.

By Statute B, ch. vi., sec. 2, it is provided that "Professorships shall be established in the University for the following subjects—namely, Physiology, Pathology, Mental Philosophy, and Logic, the professors to be appointed in such order as the University may think fit." The Council of the Senate are of opinion that there are funds arising from the Common University Fund from which the endowment of the Professorship of Physiology may be met, and recommend that immediate steps be taken for the appointment of a Professor of Physiology accordingly. The Board of Medical Studies lately reported their opinion that a Professorship of Surgery should forthwith be established; and that the professorship may for the present be without stipend. Professor Humphry has offered to accept such a professorship without a stipend; retiring at the same time from the Professorship of Anatomy. The General Board of Studies approved the recommendation of the Board of Medicine, and the Council of the Senate, recognising the importance of doing whatever is possible to develop the vigorous and increasing School of Medicine in the University, recommend the acceptance of Professor Humphry's liberal offer, and the establishment of a Professorship of Surgery, to which no stipend should be assigned for the present.

The entry of freshmen this term at the various colleges, and also of those who commence residence as non-collegiate students, is in excess of any previous year—being 873. The numbers entered in the Michaelmas term during the last 10 years were as follows:—1873, 617; 1874, 640; 1875, 680; 1876, 692; 1877, 723; 1878, 708; 1879, 808; 1880, 738; 1881, 828; 1882, 824; 1883, 873. Among the freshmen at Trinity College, under the tutorial care of Mr. Joseph Prior, M.A., is His Royal Highness Prince Albert Victor Christian Edward of Wales. The young Prince is entered as a Pensioner, and not as a Fellow Commoner.

### TEACHERS' TRAINING SYNDICATE.

#### EXAMINATIONS OF TEACHERS IN 1884.

An Examination in the Theory, History, and Practice of Teaching will be held at Cambridge, and in London, in June 1884, for persons

(male and female) who have completed the age of 20 before June 1st, 1884 and certificates will be awarded. No candidate can be admitted to the Examination unless he or she have either graduated in some University of the United Kingdom, or obtained a certificate in one of the Senior Local Examinations of the Universities of Oxford, Cambridge, or Durham; or passed the Examination for Matriculation at the University of London. The subjects of Examination are: (1) The Theory of Education; the scientific basis of the Art of Education; Elements of the Art of Education. (2) The history of Education in Europe since the revival of learning. (3) The Practice of Education; this subject will consist of two parts—(a) Method, and (b) School management. A fee of 2*l.* 10*s.* has to be paid to the Syndicate by each candidate. The Syndicate will also inspect in the summer of 1884 any College established for the training of teachers. Secretary of the Syndicate, Mr. Oscar Browning, King's College, Cambridge.

### SCHOOL OF ENGINEERING.

This technical school has been established by Professor Stuart, and there has been erected a complete carpenter's shop, fitting and turning shops, and foundry. There are at present about 50 pupils, the greater number of whom are intending to enter the Engineering or allied professions, and a complete preparatory training, theoretical and practical, is given to them. The courses of lectures are 3 in each term—Michaelmas term, Lent term, and Easter term; thus forming a 3 years' curriculum as follows:—1st year: Mechanism and Applied Mechanics; Elementary Mathematics (Algebra and Trigonometry); Statics and Hydrostatics. 2nd year: Dynamics; Machine Construction and Heat; Conics and Differential Calculus; Surveying and Levelling (practical class). 3rd year: Integral Calculus and Solid Geometry; Theory of Structures and Strength of Materials; Rigid Dynamics. Each term lasts for at least 8 weeks. Any person may attend the shops daily from 8 to 1, and from 2 to 6, including attendance at all lectures given, for the fee (covering 8 weeks in each of 4 terms) of 48 guineas. A pupil pays for the materials he uses, but there are no other extra charges. He takes away his own work when finished, and in some cases this reimburses him for the greater part of the fee he has paid. Principal, James Stuart.

### BALFOUR MEMORIAL FUND.

The income accruing from this fund is applied: (1) To endow a Studentship, to be called the Balfour Studentship, the holder of which shall devote himself to original research in Biology, especially Animal Morphology. (2) To further, by occasional grants of money, original research in the same subject. The Balfour Studentship is of the nett annual value of 200*l.*, or such larger sum as the University may from time to time determine, provided that if at any time the annual income accruing from the Fund be less than 200*l.*, the whole of such annual income be paid to the student. The Studentship shall not be awarded by the result of a competitive examination, and the student need not necessarily be a member of the University. The first Managers are, Professor Newton, Michael Foster, M.A., Adam Sedgwick, M.A., Arthur James Balfour, M.A., and John Willis Clark, M.A., Superintendent.

## PART III.

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OUR

UNIVERSITIES AND COLLEGES.

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UNIVERSITY OF DUBLIN.

ROYAL UNIVERSITY OF IRELAND.

THE CATHOLIC UNIVERSITY OF IRELAND.

DURHAM UNIVERSITY.

LONDON UNIVERSITY.

S. ANDREW'S UNIVERSITY.

EDINBURGH UNIVERSITY.

ABERDEEN UNIVERSITY.

GLASGOW UNIVERSITY.

VICTORIA UNIVERSITY.

OWEN'S COLLEGE.

UNIVERSITY COLLEGE, LONDON.

KING'S COLLEGE, LONDON.

# FRENCH COLLEGE FOR LADIES,

## Franklyn House,

### AMERSHAM ROAD, PUTNEY, S.W.

This College is established for the purpose of combining the comforts and moral training of an English Home with the advantages of a Foreign Education. The system of instruction is conducted on the modern University method by Miss SPILSBURY and Miss C. SPILSBURY (Diplômée du 1<sup>er</sup> degré, Bruxelles), who have resided many years abroad, engaged in tuition among families of distinction. The Principal is assisted by a Resident Governess and eminent Professors from London.

The Scholastic Year is divided into three Terms, viz. : Michaelmas, commencing Sept. 24th ; Lent, January 24th, Trinity, May 1st.

#### FEES,

(Including French, Mathematics, Natural Science, Chemistry, and Lessons in advanced English subjects),

80 Guineas per annum ; Juniors, 70 Guineas per annum.

*Three Months' Notice is required previous to the Removal of a Pupil.*

EACH BOARDER TO BE PROVIDED WITH HER OWN PLATE AND LINEN.

Capt. Dumaresq de Carteret Bisson, the author of this work, specially recommends this school to his friends and patrons.

#### EXTRAS.

|                 |     |                                    |     |                          |
|-----------------|-----|------------------------------------|-----|--------------------------|
| Music           | ... | { Miss Spilsbury ...               | ... | Two Guineas per Term.    |
|                 |     | { R. Fieldwick, Esq. ...           | ... | Three Guineas ,,         |
| Singing         | ... | { Signor Campana ...               | ... | One Guinea an Hour.      |
|                 |     | { Mrs. Rhoda Barkley, A.R.A.M. ... | ... | Three Guineas a Term.    |
| Drawing         | ... | R. Vincent, Esq. ...               | ... | Two Guineas ,,           |
| Painting        | ... | C. Hare, Esq. ...                  | ... | Three Guineas ,,         |
| Italian         | ... | Signor Guerini ...                 | ... | Three Guineas ,,         |
| German          | ... | { Herr Klein ...                   | ... | Three Guineas ,,         |
|                 |     | { Resident Governess ...           | ... | Two Guineas ,,           |
| Calisthenics... |     | { Miss Nellie Cooke...             | ... | Two Guineas ,,           |
| Dancing         | ... | { W. Cooke, Esq. ...               | ... | Three and a Half Guineas |
| Riding          | ... |                                    | ... | a Term.                  |

#### REFEREES.

M. le Baron de Luesemans, Gouverneur de la Province de Liège, au Palais, Liège.  
 M. Van Schoubroeck, Chevalier de l'Ordre Léopold, 427, Avenue Louise, Bruxelles.  
 Sir Nathaniel Staples, Bart., Lissan, Cookstown, Ireland.  
 Lieut.-General Shute, C.B., 12, Brunswick Place, Brighton.  
 Gilbert W. Moss, Esq., The Beach, Aigburth, Liverpool.  
 Mrs. Preston, Puckpool, Ryde, Isle of Wight.  
 Mrs. Cousens, 27, The Cedars, Putney, S.W.  
 Rev. R. J. Livingstone, M.A., The Vicarage, Aigburth, Liverpool.  
 Rev. J. R. Freeling, M.A., 420, Avenue Louise, Bruxelles.  
 Captain F. S. D. de Carteret Bisson, Beaconsfield Club, Pall Mall, S.W.

# OUR UNIVERSITIES.

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## UNIVERSITY OF DUBLIN.

### TRINITY COLLEGE

Was founded by Queen Elizabeth in 1591, in which year the College of the Holy and Undivided Trinity was incorporated as the "mater Universitatis," and authorised to elect a Chancellor, and confer Degrees in the various Faculties. Its members consist of a Provost, 7 senior Fellows, 26 junior Fellows, and 70 Scholars on the foundation, besides 10 non-foundation Scholars, 30 Sizars, and about 1,200 Students. Its endowments are about 30,000*l.* per ann., derived from landed estates, besides rents and fees and class-fees from Students, the last of which are about 30,000*l.* per ann. It possesses 14 Studentships of 100*l.* per ann., tenable for 7 years, and open to candidates of all religious opinions. Scholars have their commons free, their rooms at half the charge made to other Students, are exempted from other College charges, and receive an annual salary. Sizars have also their commons free, and are exempted from annual fees. Candidates for Sizarships must send in their claims for admission to the Senior Lecturer before June 1st in each year, and prove their poverty before they are permitted to compete for Sizarships, which are tenable for 4 years.

There are four Professional Schools in this University, namely, Divinity, Law, Medicine and Surgery, and Engineering. Students in the Divinity and Law Schools must keep six Terms before obtaining the testimonials or licenses preliminary to a final examination. Degrees in Medicine are conferred only upon Graduates in Arts and the medical education of a Master in Surgery, or a Bachelor of Medicine, is of four years' duration, costing in all, for Lectures, Hospitals, and Degrees, 109*l.* 14*s.* The course for a Licentiate in Engineering lasts for three years, and the Degrees of Master in Civil Engineering are only conferred upon such as have been admitted to the B.A. Degree, and have publicly practised as a Civil Engineer for three years as a University Licentiate. Students in Engineering pay 10*l.* a year, in addition to the charge for keeping names on the College Books.

Residence as a part of academic discipline is not enforced in the University of Dublin, nor is it necessary in itself for keeping Terms, as at Oxford and Cambridge, yet it is indirectly necessary to enable Students to attend the Lectures of the University Professors. The rent of rooms in Trinity College varies from 2*l.* to 16*l.* per ann.; all resident Students dine in the Common Hall, and must attend night-roll at nine o'clock. Divine Service is celebrated in the College Chapel at 8 a.m. and 4 p.m. On



Sundays and Church Festivals the hour of Morning Prayer is 9. 30 a.m. The principal entrance examinations are—Midsummer, October, and November.

## UNIVERSITY OFFICERS.

*Chancellor.*—The Right Hon. Earl Cairns, P.C., K.C.B., LL.D.

*Vice-Chancellor.*—The Right Hon. J. T. Ball, LL.D.

*Representatives in Parliament.* { Rt. Hon. D. R. Plunket, Q.C., LL.D.  
                                               { Rt. Hon. Edward Gibson, Q.C., M.A.

*Provost.*—Rev. John Hewitt Jellett, D.D.

*Proctors* { Rev. J. A. Galbraith, M.A.  
                   { Thos. Maguire, LL.D.

*Dean.*—Rev. T. T. Gray, M.A.

*Registrar.*—Rev. T. Stack, M.A.

*Bursar.*—Rev. J. W. Stubbs, D.D.

*Auditor.*—Rev. Joseph Carson, D.D.

*Sec. to the Senate.*—Rev. J. A. Galbraith, M.A.

## PROFESSORS AND LECTURERS.

| Founded. |                                                                                                          | Elected. |
|----------|----------------------------------------------------------------------------------------------------------|----------|
| 1607     | <i>Regius Professor of Divinity.</i> —George Salmon, D.D. ...                                            | 1866     |
| 1718     | <i>Archbishop King's Lecturer in Divinity.</i> —Ven. William Lee, D.D.                                   | 1862     |
| 1607     | <i>Catechist.</i> —W. Roberts, M.A. ...                                                                  | 1879     |
| 1668     | <i>Regius Professor of Civil Law.</i> —Thomas E. Webb, LL.D.                                             | 1867     |
| 1761     | <i>Regius Professor of Feudal and English Law.</i> —Rt. Hon. Mountiford Longfield, LL.D. ...             | 1834     |
| 1761     | <i>Regius Professor of Greek.</i> —Robert Y. Tyrrell, M.A. ...                                           | 1880     |
| 1870     | <i>Professor of Latin.</i> —A. Palmer, M.A. ...                                                          | 1880     |
| 1724     | <i>Professor of Oratory* and English Literature.</i> —Edward Dowden, LL.D. ...                           | 1867     |
| 1847     | <i>University Professor of Natural Philosophy.</i> —Richard Townsend, M.A. ...                           | 1870     |
| 1724     | <i>Erasmus Smith's Professor of Natural and Experimental Philosophy.</i> —Geo. Frs. Fitzgerald, M.A. ... | 1881     |
| 1762     | <i>Erasmus Smith's Professor of Mathematics.</i> —W. S. Burnside, M.A.                                   | 1879     |
| 1762     | <i>Erasmus Smith's Professor of Modern History.</i> —James W. Barlow, M.A. ...                           | 1860     |
| 1637     | <i>Regius Professor of Hebrew.</i> —T. K. Abbott, M.A. ...                                               | 1879     |
|          | <i>Erasmus Smith's Lecturer in Hebrew.</i> —Hewitt R. Poole, M.A....                                     | 1864     |
| 1792     | <i>Royal Astronomer of Ireland.</i> —R. S. Ball, LL.D. ...                                               | 1874     |
| 1832     | <i>Professor of Political Economy.</i> —C. F. Bastable, M.A. ...                                         | 1882     |
| 1837     | <i>Moral Philosophy.</i> —T. Maguire, LL.D. ...                                                          | 1882     |
| 1838     | <i>Biblical Greek.</i> —T. K. Abbott, M.A. ...                                                           | 1875     |
| 1850     | <i>Ecclesiastical History.</i> —C. P. Reichel, D.D. ...                                                  | 1878     |
| 1840     | <i>Irish.</i> —J. Goodman, M.A. ...                                                                      | 1879     |
| 1856     | <i>Arabic and Hindostanee.</i> —Mir Aulad Ali ...                                                        | 1861     |
|          | <i>Sanscrit.</i> —Robert Atkinson, LL.D....                                                              | 1863     |
| 1637     | <i>Regius Professor of Physic.</i> —J. T. Banks, M.D. ...                                                | 1880     |
| 1879     | <i>Lecturer in Greek and Latin Composition.</i> —T. Maguire, LL.D...                                     | 1880     |
| 1868     | <i>Professor of Ancient History.</i> —J. P. Mahaffy, M.A. ...                                            | 1869     |

\* On the foundation of Erasmus Smith.

PROFESSORS AND LECTURERS—*continued.*

| Founded. |                                                                   | Elected. |
|----------|-------------------------------------------------------------------|----------|
| 1879     | <i>Public Orator.</i> —T. E. Webb, LL.D. ... ..                   | 1879     |
| 1785     | <i>Professor of Anatomy and Chirurgery.</i> —Vacant.              |          |
| 1852     | <i>Regius Professor of Surgery.</i> —W. Colles, M.D....           | 1875     |
| 1849     | <i>Professor of Surgery.</i> —E. H. Bennett, M.D. ...             | 1874     |
| 1716     | <i>University Anatomist.</i> —T. E. Little, M.D. ...              | 1873     |
|          | <i>Professor of Zoology.</i> —H. W. Mackintosh, M.A. ...          | 1879     |
| 1785     | „ <i>Chemistry.</i> —J. E. Reynolds, M.D. ...                     | 1875     |
| 1785     | „ <i>Botany.</i> —E. P. Wright, M.D. ...                          | 1869     |
| 1844     | „ <i>Geology and Mineralogy.</i> —Valentine Ball, M.A. ...        | 1881     |
| 1852     | <i>Professor of Civil Engineering.</i> —Robert Crauford, M.A. ... | 1882     |
| 1764     | „ <i>Music.</i> —Sir Robert Prescott Stewart, Mus. Doc....        | 1862     |

*Modern Languages.*

|      |                                                                     |      |
|------|---------------------------------------------------------------------|------|
|      | <i>Professor of German.</i> —Albert Maximilian Selss, M.A....       | 1866 |
|      | „ <i>The Romance Languages.</i> —Robert Atkinson, LL.D.             | 1867 |
|      | <i>Librarian.</i> —J. Kells Ingram, LL.D. ... ..                    | 1879 |
|      | <i>Assistant Librarians.</i> —T. French, and T. V. Keenan.          |      |
|      | <i>Registrar of the Engineering School.</i> —J. F. Fitzgerald, M.A. | 1880 |
|      | „ „ <i>School of Physic.</i> —H. W. Mackintosh, M.A. ...            | 1879 |
| 1844 | <i>Director of the Museum.</i> —Alexander Macalister, M.D. ...      | 1869 |
|      | <i>Curator of Pathological Museum.</i> —John Connor ...             |      |
|      | <i>Curator of Museum.</i> —H. W. Mackintosh, M.A. ...               | 1879 |
|      | <i>Chief Steward.</i> —Mr. John Kingston.                           |      |
|      | <i>Organist.</i> —Sir Robert P. Stewart, Mus. Doc. ... ..           | 1862 |
| 1877 | <i>Jurisprudence and International Law.</i> —H. B. Leech, M.A.      | 1878 |
|      | <i>University Anatomist.</i> —Thos. E. Little, M.D. ... ..          | 1874 |

## SCHOLARSHIPS, PRIZES, ETC.

There are 14 University Studentships in Trinity College, open to candidates of all religious denominations. They are tenable for 7 years, and the salary of each is 100*l.* per ann. Two of these Studentships are filled up annually, one from the Senior Moderators in Mathematics and Physics, and one from the Senior Moderators in Classics.

MADDEN'S PRIZE is given to the candidate second in merit at each Fellowship Examination, but who is disappointed of the Fellowship. Its value is about 270*l.* Other premiums are also awarded to deserving candidates.

COMMENCEMENT MEDALS, in gold, were given to every Student who had answered with honour every Examination from his entrance to the taking of his B.A. Degree, but Moderatorships are now substituted for these, and Gold Medals are given to the Senior Moderators, and Silver Medals to Junior Moderators.

BISHOP LAW'S MATHEMATICAL PRIZES consist of 20*l.* to the Junior Bachelor most proficient in Mathematics, and 10*l.* to the second best Junior Bachelor.

FOYLE COLLEGE EXHIBITIONS consist of 5 Exhibitions of 30*l.* a year each, for all Students educated at Foyle College, Londonderry.

BISHOP BERKELEY'S GOLD MEDALS are awarded to the best and second best candidates at an examination in the Greek Language and Literature.

LLOYD EXHIBITIONS are 2 in number, of about 16*l.* each, tenable for 2 years only, awarded to the best candidates belonging to the rising Senior Sophister Class at an examination in Mathematics and Physics.

M'CULLAGH PRIZE of 30*l.* is awarded annually to the best answerer at an Examination on some important Mathematical or Physical subject which is published in the University Calendar about a year before the Examination.

WRAY PRIZE is awarded to the Student in the Senior Sophister Class who shall answer best in an Examination on Metaphysical questions.

TWO THEOLOGICAL EXHIBITIONS of 60*l.* and 40*l.* per ann. each, tenable for 3 years, are awarded to the best answerers at a Theological Examination, comprising candidates of not more than one year's standing as M.A.

WALL BIBLICAL SCHOLARSHIPS, consisting of 5 of 20*l.* per ann. each, are awarded after Examination in Hebrew Biblical Literature. One Scholarship is awarded annually.

DOWNE'S DIVINITY PREMIUMS consist of one of 20*l.* and one of 10*l.* for written Sermons or Discourses, one of 12*l.* and one of 8*l.* for Extemporaneous Speaking, and one of 8*l.* and one of 4*l.* for reading the Liturgy.

THE PRIMATE'S HEBREW PRIZES are awarded to the best answerers of the Senior and Middle Classes in the annual Examination in Hebrew.

ELRINGTON THEOLOGICAL PRIZE of 30*l.* in books is given annually for the best Theological Essay composed by B.A.'s of not more than 3 years' standing.

PRIZES IN BIBLICAL GREEK, of the value of 15*l.*, are awarded annually to the best answerers at an Examination by the Greek Professors.

PRIZES IN ECCLESIASTICAL HISTORY, of 10*l.* and 5*l.* per ann. or more, are given to the most deserving Students in the Class of the Professor of Ecclesiastical History.

PRIZES to the extent of 20*l.* are awarded annually to Students who distinguish themselves in the Irish Language ; and besides these, one of 100*l.* per ann. (the Bedell Scholarship), and the Kyle Irish Prize of 7*l.* 13*s.* per ann. are given to Students likely to be competent on their ordination to preach in the Irish Language.

PRIZES IN CIVIL LAW AND IN FEUDAL AND ENGLISH LAW of the value of 30*l.* annually, are given to the best Students.

MEDICAL SCHOLARSHIPS AND EXHIBITION, worth 20*l.* per ann. each, are also given.

NEW SHAKESPEARE SOCIETY ANNUAL PRIZE, founded in 1875.

VICE-CHANCELLOR'S PRIZES are 4 of 20*l.* each, given annually, for the best composition on proposed subjects in English, Greek, or Latin Prose and Verse.

THE ARABIC PRIZE of 10*l.* and the SANSKRIT of 5*l.* are awarded annually, as also one of 10*l.* and one of 5*l.* for POLITICAL ECONOMY.

ERASMUS SMITH'S EXHIBITIONS consist of 20 of 8*l.* and 15 of 6*l.* (late Irish currency) per ann., belonging to Schools at Drogheda, Ennis, Galway, and Tipperary. The Governors of Erasmus Smith's Schools have sup-

plemented one of each class, and raised them to 40*l.* and 25*l.* per ann. respectively.

THIRTY ROYAL SCHOLARSHIPS OR EXHIBITIONS, consisting of 15 of 50*l.*, 10 of 30*l.*, and 5 of 25*l.* per ann. each, tenable for 5 years, were presented by the Royal Commissioners of Education in Ireland to the Royal Schools of Armagh, Dungannon, Enniskillen, and Cavan. There are 2 Royal Scholarships of 30*l.* and 20*l.* per ann. each, now belonging to Midleton School.

FOYLE COLLEGE EXHIBITIONS consist of 5 of 30*l.* per ann. each, tenable for 5 years, by pupils sent up from Foyle College, Londonderry.

Numerous Exhibitions, varying in value from 10*l.* to 4*l.* 12*s.* annually, are awarded by the Provost and Senior Fellows to poor Students.

Trinity College has 21 benefices in its gift. The University terms, severally known as *Michaelmas*, *Hilary*, and *Trinity*, begin, the first on the 10th of October, lasting to 20th December; the second on 10th of January, lasting to the Feast of the Annunciation; the third on 15th of April, lasting to June 30th. Dr. Richard Tuchill Reed has bequeathed a sum of about 7,000*l.*, for the purpose of founding a Professorship of Penal Legislation among members of the Irish bar, who are also graduates in arts or law, and is tenable for five years. A further sum of about 6,000*l.* is bequeathed for the founding of five exhibitions in the nature of supplementary sizarships for students of limited means from Kerry who fail in competing for the ordinary sizarships.

### DUBLIN EXAMINATIONS FOR WOMEN.

Examinations are now open to persons of either sex.

The University of Dublin holds two Examinations for Women; one for Junior Candidates, not more than 18, and a more advanced for Senior Candidates. For the latter there is no limit as regards age.

The time of Examination is in March, and is held at any place where a Ladies' Superintendent Committee is formed, and ten Candidates are guaranteed. The fees payable are twenty shillings, and a local fee. The subjects of Examination for Junior Candidates are:—Dictation, Reading, English Composition, Elementary Arithmetic, History of England, Geography of Europe. Also one, at least, of the following:—French, Italian, Spanish, German, Latin (selections in each case), Mathematics (advanced Arithmetic), Euclid (Books I. and III.), Algebra (to the end of Simple Equations), Botany and Zoology, Theory of Music.

For Senior Candidates:—Mathematics (advanced Arithmetic, Euclid Books I. and III., Algebra to the end of Simple Equations), Modern History and Geography, Ancient History, English Language and Literature, and any one of the following Modern Languages:—French, Italian, Spanish, German (selections in each case).

Candidates may offer themselves for examination in any one or more of the following subjects, in addition to those above named:—Greek, Latin, advanced Mathematics, Mechanics, Astronomy, Physics, Chemistry, Botany, Zoology, Geology and Physical Geography, Logic, and the Theory of Music.

Certificates of Honour are granted to such Candidates as, having passed the Senior Examination, answer "in a distinguished manner" in any of various Special Courses. Full particulars of these Courses, and other details, may be had from the Registrar, J. H. Jellett, B.D.

# ROYAL UNIVERSITY OF IRELAND,

25, UPPER MERRION STREET, DUBLIN,

Founded by Royal Charter in 1880. The Queen's University and the Queen's Colleges have been dissolved, and are now incorporated with the Royal University of Ireland.

*Visitor*—THE QUEEN.

## THE SENATE.

*Chancellor*—His Grace the Duke of Abercorn, K.G.

*Vice-Chancellor*—Lord O'Hagan, K.P.

And thirty-five Members.

*Secretaries*—J. C. Meredith, Esq., and D. B. Dunne, Esq.

The body politic and corporate consists of a Chancellor, a Senate, and Graduates, having the usual powers of conferring degrees on every person, male or female, who, having matriculated in the University, have passed the required examinations; also for granting degrees in medicine or surgery. The Calendar of this University has not yet been published, but the following regulations and lists of Fellows and Examiners may be relied upon for accuracy.

The ordinary examinations are held in September and October, and there are also medical examinations held in June as well. The towns at which the Matriculation Examinations have been held in 1881 and 1882 were Dublin, Belfast, Cork, Galway, Carlow, Limerick, and Londonderry. The first three named towns were centres both for female and male candidates, the others for males only.

The numbers who entered their names for the two Matriculation Examinations hitherto held were as follows:—

|      |     | Entered<br>names |     |     | Absent |     |     | Passed |
|------|-----|------------------|-----|-----|--------|-----|-----|--------|
| 1881 | ... | 728              | ... | ... | 114    | ... | ... | 508    |
| 1882 | ... | 608              | ... | ... | 60     | ... | ... | 489    |

## LIST OF FELLOWS.

### *In Classics.*

T. Hastings Crossley, Esq., D.Lit., Annagola, Tynan, County Armagh.

John F. Davies, Esq., D.Lit., Dalysfort, Galway.

James MacMaster, Esq., D.Lit., Portstewart, County Derry.

Robert Ornsby, Esq., M.A., Verona, 5, Summerhill Road, Kingstown.

James Stewart, Esq., M.A., 21, Gardiner's Place, Dublin.

### *In English.*

George F. Armstrong, Esq., D.Lit., Rushbrooke, Queenstown.

Thomas Arnold, Esq., M.A., 29, Norham Road, Oxford.

Charles Duke Yonge, Esq., D.Lit., Notting Hill, Belfast.

Rev. John Egan, D.D., 86, Stephen's Green, Dublin.

### *In Mental and Moral Philosophy.*

John Park, Esq., D.Lit., Mount Charles, Belfast.

George S. Reed, Esq., LL.D., Queen's College, Cork.

Rev. T. A. Finlay, S.J., St. Ignatius College, S.J., Upper Temple Street, [Dublin.



*In Mathematics.*

John Casey, Esq., F.R.S., 86, South Circular Road, Dublin.  
 Morgan W. Crofton, F.R.S., Royal Military Academy, Woolwich.  
 John C. Malet, Esq., D.Sc., Shanakiel Villa, Sunday's Well, Cork.  
 John Purser, Esq., D.Sc., Queen's College Belfast.

*In Natural Philosophy.*

Joseph D. Everett, Esq., F.R.S., Lennoxvale, Belfast.  
 Joseph Larmor, Esq., D.Sc., Eyre Square, Galway.  
 Rev. Gerald Molloy, D.D., 86, Stephen's Green, Dublin.

*In Chemistry.*

John Campbell, Esq., B.A., 161, Rathgar Road, Dublin.  
 Maxwell Simpson, Esq., M.D., Queen's College, Cork.

## LIST OF EXAMINERS.

IN ADDITION TO THE FELLOWS OF THE UNIVERSITY.

*In Modern Languages.*

Charles Geisler, Esq., D.Lit., The Crescent, Galway.  
 A. L. Meissner, Esq., D.Lit., 7, Hampden Terrace, Belfast.  
 Rev. J. J. O'Carroll, S.J., 23, Upper Temple Street, Dublin.  
 Owen O'Ryan, Esq., D.Lit., Queen's College, Cork.  
 Rev. George Polin, 1, Victoria Street, South Circular Road, Dublin.

*In Celtic.*

Rev. Canon Ulick J. Bourke, P.P., Claremorris.

*In Hebrew.*

Rev. James G. Murphy, D.D., College Park, Belfast.

*In Geology.*

William King, Esq., D.Sc., Glenoir, Galway.

*In Engineering.*

Alexander Jack, Esq., D.Sc., Queen's College, Cork.  
 Edward Townsend, Esq., D.Sc., Queen's College, Galway.

*In Botany and Zoology.*

Alexander G. Melville, Esq., M.D., Ragoon, Galway.  
 George Sigerson, Esq., M.D., 3, Clare Street, Merrion Square, Dublin.

*In Anatomy.*

Christopher J. Nixon, Esq., M.D., 2, Merrion Square, Dublin.  
 Joseph P. Pye, Esq., M.D., Belmore, Galway.

*In Physiology.*

John J. Charles, Esq., M.D., 3, Rockspring Terrace, St. Luke's, Cork.  
 Charles Copping, Esq., 14, Upper Merrion Street, Dublin.

*In Medicine.*

Benjamin G. M'Dowel, Esq., M.D., 83, Merrion Square, Dublin.  
 Stephen M. MacSwiney, Esq., M.D., 38, York Street, Dublin.

*In Surgery.*

Anthony H. Corley, Esq., M.D., 30, Lower Baggot Street, Dublin,  
 Patrick J. Hayes, Esq., 18, Merrion Square, Dublin.

*In Midwifery.*

John A. Byrne, Esq., M.D., 21, Merrion Square, Dublin.

H. M'Naughten Jones, Esq., M.D., St. Patrick's Place, Cork.

*In Materia Medica.*

Francis J. B. Quinlan, Esq., M.D., 29, Lower Fitzwilliam Street, Dublin.

J. Seton Reid, Esq., M.D., 6, Queen's Elms, Belfast.

*In Medical Jurisprudence.*

Edmund W. Davy, Esq., M.D., Fortfield Terrace, Templeogue, Dublin.

Matthias O'Keefe, Esq., M.D., 1, Camden Place, Cork.

*In Law.*

The MacDermot Q.C., 10, Fitzwilliam Place.

# REGULATIONS CONCERNING EXAMINATIONS FOR DEGREES, HONOURS, EXHIBITIONS, &c.

## DEGREES.

The University shall confer the following Degrees :—

*Arts.*—Bachelor of Arts, B.A. ; Master of Arts, M.A. ; Doctor of Literature, D.Lit.

*Science.*—Doctor of Science, D.Sc.

*Engineering.*—Bachelor of Engineering, B.E. ; Master of Engineering, M.E.

*Music.*—Bachelor of Music, B.Mus. ; Doctor of Music, D.Mus.

*Medicine.*—Bachelor of Medicine, M.B. ; Doctor of Medicine, M.D.

*Surgery.*—Master of Surgery, M.Ch. *In Obstetrics*, a Special Diploma.

*In Sanitary Science*, a Special Diploma.

*Law.*—Bachelor of Laws, LL.B. ; Doctor of Laws, LL.D.

## FEES.

The Senate shall be empowered to charge the following fees to all candidates who give notice of their intention to present themselves for any Examination in this University :—

|                                                       | £ | s. | d. |
|-------------------------------------------------------|---|----|----|
| Matriculation Examination ... ..                      | 0 | 10 | 0  |
| First University Examination ... ..                   | 1 | 0  | 0  |
| Second University Examination in Arts ... ..          | 1 | 0  | 0  |
| B.A. Degree Examination ... ..                        | 1 | 0  | 0  |
| M.A. Degree Examination ... ..                        | 2 | 0  | 0  |
| D.Lit. Degree Examination ... ..                      | 5 | 0  | 0  |
| D.Sc. Degree Examination ... ..                       | 5 | 0  | 0  |
| First Professional Examination in Engineering ... ..  | 1 | 0  | 0  |
| Second Professional Examination in Engineering ... .. | 1 | 0  | 0  |
| B.E. Degree Examination ... ..                        | 3 | 0  | 0  |
| M.E. Degree Examination ... ..                        | 3 | 0  | 0  |
| First Examination in Music ... ..                     | 1 | 0  | 0  |
| B.Mus. Degree Examination ... ..                      | 2 | 0  | 0  |
| D.Mus. Degree Examination ... ..                      | 5 | 0  | 0  |
| First Examination in Medicine ... ..                  | 1 | 0  | 0  |
| Second Examination in Medicine ... ..                 | 1 | 0  | 0  |
| M.B. Degree Examination ... ..                        | 3 | 0  | 0  |

FEES (*continued*).

|                                             |     |     |     |     |     | £ | s. | d. |
|---------------------------------------------|-----|-----|-----|-----|-----|---|----|----|
| M.D. Degree Examination ...                 | ... | ... | ... | ... | ... | 5 | 0  | 0  |
| M.Ch. Degree Examination ...                | ... | ... | ... | ... | ... | 5 | 0  | 0  |
| Diploma in Obstetrics Examination ...       | ... | ... | ... | ... | ... | 2 | 0  | 0  |
| Diploma in Sanitary Science Examination ... | ... | ... | ... | ... | ... | 2 | 0  | 0  |
| LL.B. Degree Examination ...                | ... | ... | ... | ... | ... | 3 | 0  | 0  |
| LL.D. Degree Examination ...                | ... | ... | ... | ... | ... | 5 | 0  | 0  |

In case any candidate shall fail either to attend for, or to pass, the examination in respect of which any fee was paid, such candidate shall not be entitled to have the fee returned, or to get credit therefor at any future examination.

The fees to be charged for *ad eundem* Degrees shall be the same amounts as those charged for the examinations for corresponding degrees.

It shall be lawful for the Senate, in such cases as they may consider expedient, to confer any of the above degrees without requiring payment of the fee therefor.

Candidates for any degree in this University must have passed the Matriculation Examination. Students from other Universities and Colleges are included in this rule.

All students of the Queen's University at the time of its dissolution shall be entitled to present themselves, for their next examination only, in the Royal University in the respective Faculties according to their status in the Queen's University, and in the subjects prescribed by the curriculum of that University, and according to the regulations in force at the time of its dissolution, provided that they shall not be entitled to the honours, exhibitions, or prizes maintained by the funds of the Royal University. This provision shall extend to all Matriculated Students of the Royal University.

## § 1. OF DEGREES IN ARTS.

## B.A. DEGREE.

The course for this Degree shall be one of at least three years' duration. All candidates for the Degree shall be required to pass the following examinations:—The Matriculation Examination, the first University Examination, the second University Examination in Arts, the Degree Examination.

*The Matriculation Examination.*

This examination shall be conducted not only in Dublin, but in certain local centres, to be from time to time selected by the Senate. The Chancellor or Vice-Chancellor shall have power to grant a Supplemental Examination in Dublin, for such persons as shall be unable from reasonable cause to attend the ordinary Matriculation Examination, and shall have applied for such examination within one fortnight after the close of the ordinary examination.

Every candidate for matriculation must send in to the Secretary his (or her) name and address, and if a Matriculated Student of any other University or College, a certificate of the date of such matriculation and of his (or her) standing in such University or College, together with such other particulars as the Senate shall from time to time require, on or before the 15th day of August, immediately preceding the Matriculation Examination, and pay the prescribed fee of 10s.

Candidates at this examination shall be required to answer in the following subjects :—I. Latin. II. Any one of the following languages : Greek, French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, or Arabic. III. English Language. IV. Elementary Mathematics. V. Experimental Physics.

*The First University Examination.*

Students shall be admitted to this examination after the lapse of one academical year from the time of their matriculation.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination.

Candidates at this examination shall be required to answer in the following subjects :—I. Latin. II. Any one of the following languages : Greek, French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, or Arabic. III. English Language and Literature. IV. Mathematics. V. Experimental Physics.

*The Second University Examination in Arts.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the First University Examination.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination.

The subjects of this examination shall be the following :—I. Latin. II. Greek. III. English Language and Literature. IV. Any one of the following languages : French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, or Arabic. V. Logic. VI. Mathematics. VII. Mathematical Physics. VIII. Experimental Physics. IX. Chemistry. X. Biology (including Physiology, Botany, and Zoology). XI. Geology (including Mineralogy and Physical Geography).

Candidates at this examination shall be permitted, at their option, to answer in any one of the following group of subjects :—(1) Latin, Greek, English, Logic, and one other of the above subjects. (2) Latin, Greek, English, Mathematics, and one other of the above subjects. (3) Mathematics, Mathematical Physics, and two other of the above subjects.

*The Examination for the Degree of B.A.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the Second University Examination in Arts.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination.

The subjects of this examination shall be the following :—I. Latin. II. Greek. III. English, and any one of the following languages : French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, or Arabic. IV. Logic, and either Metaphysics, Ethics, or Political Economy. V. Mathematics. VI. Mathematical Physics. VII. Experimental Physics. VIII. Chemistry. IX. Biology (including Physiology, Zoology, and Botany). X. Geology (including Mineralogy and Physical Geography).

Candidates at this Examination shall be permitted, at their option, to answer in either of the following groups of subjects :—(1) Latin, Greek,

and either one other of the above subjects, or a limited course of Mathematics and Mathematical Physics; or (2) Mathematics, Mathematical Physics, and one other of the above subjects.

Candidates may obtain the degree of B.A. by passing the Honour Examination in any one of the following courses, without having passed the ordinary Degree Examination:—I. Latin and Greek Languages and Literature. II. English, and any two of the following languages: French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, or Arabic. III. Logic, Metaphysics, Ethics, and History of Philosophy. IV. Civil and Constitutional History, Political Economy, and General Jurisprudence. V. Mathematics and Mathematical Physics. VI. Experimental Physics and Chemistry. VII. Biology and Geology.

Provided that, for one year after the holding of the first Matriculation Examination, candidates for the degree of B.A. with Honours may select, instead of either of the groups of subjects under the heads III. and IV. in the courses for Honours as above prescribed, any three of the following subjects:—1. English Literature; 2. Civil and Constitutional History; 3. Logic; 4. Metaphysics; 5. Ethics; 6. Political Economy; 7. General Jurisprudence.

#### M.A. DEGREE.

Candidates may present themselves for the examination for this degree after the lapse of one academical year from the time of obtaining the degree of B.A.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £2, at least one month previous to the examination.

Candidates at this examination shall be required to answer in any one of the following courses:—1. Latin and Greek Languages and Literature. II. English, and any two of the following languages: French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, or Arabic. III. Logic, Metaphysics, Ethics, and History of Philosophy. IV. Civil and Constitutional History, Political Economy, and Political Philosophy. V. Mathematics and Mathematical Physics. VI. Experimental Physics and Chemistry. VII. Biology and Geology.

Provided that, for one year after the holding of the first Matriculation Examination, candidates may select, instead of either of the groups of subjects under the heads III. and IV. above, any three of the following subjects: 1. English Literature; 2. Civil and Constitutional History; 3. Logic; 4. Metaphysics; 5. Ethics; 6. Political Economy; 7. Political Philosophy.

### § 2. OF DEGREES IN ENGINEERING.

#### B.E. DEGREE.

The course for this degree shall be one of at least three years' duration. All candidates for the degree shall be required to pass the following examinations:—The Matriculation Examination; the First University Examination; the First Professional Examination; the Second Professional Examination; the Degree Examination.

#### *The First Professional Examination.*

Students shall be admitted to this examination after the lapse of one



academical year from the time of their matriculation. Candidates may pass this examination at the same time as the First University Examination.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination.

Candidates at this examination shall be required to answer in the following subjects :—I. Mathematics. II. Mathematical Physics. III. Experimental Physics. IV. Drawing. V. Descriptive Architecture.

*The Second Professional Examination.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the First Professional Examination.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination.

Candidates at this examination shall be required to answer in the following subjects :—I. Mathematics. II. Mathematical Physics. III. Chemistry. IV. Geology, including Physical Geography. V. Practical Engineering.

*The Examination for the Degree of B.E.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the Second Professional Examination.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £3, at least one month previous to the examination.

Candidates at this examination shall be required to answer in the following subjects :—I. Applied Natural Philosophy. II. Practical Engineering. III. Drawing.

*Diploma in Engineering.*

A Diploma in Engineering may be granted to any candidate who, without having passed the Matriculation and First University Examinations, passes the two Professional Examinations and the Degree Examination.

**M.E. DEGREE.**

Candidates may present themselves for the Examination for this degree after the lapse of one academical year from the time of obtaining the degree of B.E., and shall be required to furnish evidence of having spent one year at least under an engineer in practice after obtaining that degree.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £3, at least one month previous to the examination.

Candidates at this examination shall be required to answer in a more extended course of the subjects fixed for the B.E. Degree Examination.

**§ 3. OF DEGREES IN MUSIC.**

**B.MUS. DEGREE.**

The course for this degree shall be one of at least three years' duration. All candidates for the degree shall be required to pass the following

examinations:—The Matriculation Examination; the First University Examination; the First Examination in Music; the Degree Examination.

*The First Examination in Music.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the First University Examination.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination.

Candidates shall be required to answer in the following subjects:—I. The elements of Acoustics—the laws of the production and measurement of the simple sounds. Theory and simpler phenomena of compound sounds; Consonance and Dissonance. II. Musical Intervals, Scales, Tonality, Temperament Melody, Time, Rhythm. The principles of the construction of Chords. III. Outlines of the History of Musical Development.

*The Examination for the Degree of B.Mus.*

Students shall be admitted to the examination for this degree after the lapse of one academical year from the time of passing the First Examination in Music.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £2, at least one month previous to the examination.

Every candidate shall also be required to send to the Secretaries, one month previous to the examination, the score of a musical exercise, which shall comply with such conditions as the Senate shall from time to time order, and at the same time a statutable declaration that the exercise so presented is his (or her) own unaided composition.

Candidates whose exercises are approved by the examiners shall be required to answer in the following subjects:—I. Practical Harmony and Thorough Bass. Counterpoint in not more than five parts with Canon and Fugue. Form in musical composition. II. Instrumentation so far as is necessary for understanding and reading a full score. III. A critical knowledge of the full scores of a prescribed list of standard classical compositions.

**D.MUS. DEGREE.**

Candidates may present themselves for the examination for this degree after the lapse of two academical years from the time of obtaining the degree of B.Mus.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £5, at least one month previous to the examination.

Every candidate shall also be required to send to the Secretaries, one month previous to the examination, a musical exercise which shall comply with such conditions as the Senate shall from time to time order, and, at the same time, a statutable declaration that the exercise so presented is his (or her) own unaided composition.

Candidates whose exercises are approved by the examiners shall be examined in the following subjects:—I. The phenomena and laws governing the production of musical sounds, or the physical basis of Music. II. Theory of Music. III. History of Measured Music, Harmony, and Counterpoint.

## § 4. OF DEGREES IN MEDICINE, SURGERY, &c.

### M.B. DEGREE.

The course for this degree shall be one of at least four years' duration.

All candidates for the degree shall, in addition to attending the lectures and complying with the other conditions to be from time to time prescribed, be required to pass the following examinations:—The Matriculation Examination; the First University Examination; the First Examination in Medicine; the Second Examination in Medicine; the Degree Examination.

A Medical Student from one of the Queen's Colleges, the Queen's University, or any other Institution approved by the Senate, matriculated therein before the 1st October, 1881, who has completed at least one year of the Medical Curriculum in any of the said Colleges, or in said University or Institution, shall be entitled to credit for a year's course in this University without passing the First Examination in Arts.

The course of medical studies shall extend over at least four years, and shall be divided into periods of at least two years each, during which periods the students shall attend such courses of lectures and hospital instruction, and comply with such other conditions as the Senate shall from time to time order.

#### *The First Examination in Medicine.*

Students shall be admitted to this examination after the lapse of one academical year from the time of their matriculation. Candidates may pass this examination at the same time as the First University Examination.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination, and must at the same time produce satisfactory evidence of having completed the prescribed courses of study in the subjects of examination.

The subjects of this examination shall be Zoology, Botany, a Modern Language.

Candidates who have passed in a Modern Language at the ordinary First University Examination are exempt from presenting this subject.

#### *The Second Examination in Medicine.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the First Examination in Medicine, provided they have completed the first period of the course of Medical Studies.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £1, at least one month previous to the examination, and must at the same time furnish evidence of having completed the course of study prescribed by the Senate for the first period of the course of Medical Studies.

The subjects for this examination shall be Anatomy, Physiology, Materia Medica, Chemistry.

#### *The Examination for the Degree of M.B.*

Students shall be admitted to this examination after the lapse of one academical year from the time of passing the Second Examination in Medicine, provided they have completed the second period of the course of Medical Studies.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £3, at least one month previous to the examination, and must at the same time furnish evidence of having completed the course of studies prescribed by the Senate for the second period of the course of Medical Studies.

The subjects for this examination shall be Anatomy and Physiology, Surgery, Midwifery and Diseases of Women and Children, Theory and Practice of Medicine, Medical Jurisprudence.

#### M.D. DEGREE.

Candidates may be admitted to this degree after the lapse of two academical years from the time of obtaining the degree of M.B. Provided, however, that all persons who shall be Students in Medicine in the Queen's University at the date of its dissolution shall be entitled, if they so desire, to obtain the degree of M.D., instead of the degree of M.B., upon passing the examination herein prescribed for the M.B. degree.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £5, at least one month previous to the examination, and must at the same time produce a certificate of having been, for at least two years, engaged in Hospital or Private Medical or Surgical Practice, or in the Military or Naval Medical Service.

Every candidate shall be examined at the bedside, and require to diagnose at least six cases, medical and surgical, and prescribe treatment; to write detailed reports on at least two cases to be selected by the examiners, and to discuss all the questions arising thereon.

Every candidate shall submit to the medical examiners a Thesis certified by him (or her) to have been composed by himself (or herself), and which shall be approved by them. No Thesis shall be approved which does not contain some original or personal observations in practical Medicine, Surgery, Midwifery, or in some of the Sciences embraced in the curriculum, or else a full digest and critical exposition of the opinions and researches of others on the subject selected by the candidate, accompanied by precise references to the publications quoted.

Candidates who have been settled for a period of two years in the colonies or foreign countries may, on satisfying the Senate to that effect, and in lieu of the examination above required to be passed by persons residing in this country, upon furnishing papers on medical subjects written by them, or official reports dealing with subjects of medical science, with evidence of the papers or reports being their own original composition, have the degree conferred on them in absence.

It shall, for three years, be in the power of the Senate, in the case of medical students who, previously to their matriculation in the University, have received a Medical and Arts Education in Institutions approved by the Senate, to give such students credit for the education in Arts which they have received therein, if they shall be satisfied from the report of the medical examiners of their proficiency in the subjects of the medical course of the University.

It shall also, for the same period, be in the power of the Senate, in cases where a complete course in Arts and Medicine has been passed by a student in such institutions as aforesaid, according to the system of such institutions, to allow him to present himself for the examination for the degree



of M.B., and to obtain such degree, if found qualified, upon the same terms as ordinary medical students of this University.

#### THE M.CH. DEGREE.

This degree shall be conferred only on Graduates in Medicine of the University.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £5, at least one month previous to the examination.

The examination for this degree shall comprise the Theory and Practice of Surgery, including operative and Clinical Surgery.

#### THE DIPLOMA IN OBSTETRICS.

This diploma shall be conferred only on Graduates in Medicine of the University.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £2, at least one month previous to the examination.

The examination for this diploma shall comprise the Theory and Practice of Midwifery, and the use of obstetrical instruments and appliances.

#### THE DIPLOMA IN SANITARY SCIENCE.

This diploma shall be conferred only on Graduates in Medicine of the University.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £2, at least one month previous to the examination.

The examination shall embrace such subjects connected with Sanitary Science as the Senate may from time to time appoint.

### § 5. OF DEGREES IN LAW.

#### LL.B. DEGREE.

All candidates for this degree must be Graduates in Arts of the University.

Candidates may present themselves for the examination for this degree after the lapse of one academical year from the time of obtaining the degree of B.A.

Candidates must give notice in writing, to the Secretaries, of their intention to present themselves, and must pay the prescribed fee of £3, at least one month previous to the examination.

Candidates at this examination shall be required to answer in such of the following subjects as may be from time to time prescribed :—I. Civil Law. II. Jurisprudence. III. Constitutional Law. IV. Law of Property and Principles of Conveyancing. V. Common and Criminal Law. VI. Equity. VII. Pleading, Practice, and Evidence.

#### LL.D. DEGREE.

Candidates may present themselves for the examination for this degree after the lapse of one academical year from the time of obtaining the degree of LL.B.

Candidates must give notice in writing, to the Secretaries, of their



intention to present themselves, and must pay the prescribed fee of £5, at least one month previous to the examination.

Candidates at this examination shall be required to answer in a further course, to be from time to time prescribed, in the same subjects as have been fixed for the LL.B. Examination.

#### OF HONOURS, EXHIBITIONS, AND PRIZES.

The Senate may from time to time make such regulations as it shall deem fit for the holding of Honour Examinations, either together with or apart from any of the examinations hereinbefore mentioned, and, as the result of such examinations, may place upon the Honour lists such candidates as they consider deserving.

Students who, previous to matriculation, had been members of any other University, shall not be entitled to compete for any Honours, Exhibitions, or Prizes in a collegiate grade below that which they had attained in such other University.

#### EXHIBITIONS.

The following Exhibitions may be awarded annually by the Senate :—

##### *In Arts.*

At the Matriculation Examination, ten first class at £24, and twenty second class at £12.

At the First University Examination, ten first class at £30, and twenty second class at £15.

At the Second University Examination in Arts, six first class at £40, and twelve second class at £20.

At the B.A. Degree Examination, seven first class at £50, and fourteen second class at £25.

Provided that at the First and Second University Examinations respectively no Exhibition shall be awarded to any candidate who shall not answer satisfactorily in Honour subjects, in at least two divisions, one of which must be either Latin, Greek, or Mathematics.

And provided that no Exhibition shall be awarded at any of the said examinations to any candidate whose age shall, upon the first day of such examination, exceed the limit following ; that is to say—

At the Matriculation Examination, 20 years.

At the First University Examination, 22 years.

At the Second University Examination, 23 years.

At the B.A. Degree Examination, 24 years.

And provided that an Exhibition shall not be awarded to any candidate at the First University Examination, if a longer interval than two academical years shall have elapsed from the time of matriculation ; or at the Second University Examination, if a longer interval than three academical years shall have elapsed from the time of matriculation ; or at the B.A. Degree Examination, if a longer interval than four academical years shall have elapsed from the time of matriculation.

Provided also, that at the Matriculation and First University Examinations no greater number of Exhibitions shall be awarded than to one in every ten of the students who pass each of those examinations respectively, and at the Second University Examination in Arts, and the B.A. Degree Examination, no greater number than to one in every eight of the students who pass each of those examinations respectively.

*In Engineering.*

At the First Professional Examination, one first class at £30, and one second class at £15.

At the Second Professional Examination, one first class at £40, and one second class at £20.

At the B.E. Degree Examination, one first class at £50, and one second class at £25.

Provided, that an Exhibition shall not be awarded to any candidate at the First Professional Examination, if a longer interval than two academical years shall have elapsed from the time of matriculation ; or at the Second Professional Examination, if a longer interval than three academical years shall have elapsed from the time of matriculation ; or at the B.E. Degree Examination, if a longer interval than four academical years shall have elapsed from the time of matriculation.

Provided also, that if any candidate who shall become entitled to any Exhibition at the First Professional Examination had previously obtained an Exhibition at the First University Examination, the value of such Exhibition shall be deducted ; and that if any candidate who shall become entitled to any Exhibition at the Second Professional Examination had previously obtained an Exhibition at the Second University Examination in Arts, the value of such Exhibition shall be deducted ; and that if any person who shall become entitled to any Exhibition at the B.E. Degree Examination had previously obtained an Exhibition at the B.A. Degree Examination, the value of such Exhibition shall be deducted.

*In Medicine.*

At the First Examination in Medicine, two first class at £30, and two second class at £15.

At the Second Examination in Medicine, two first class at £40, and three second class at £20.

At the M.B. Degree Examination, two first class at £50, and three second class at £25.

Provided that an Exhibition shall not be awarded to any candidate at the First Examination in Medicine, if a longer period than three academical years shall have elapsed from the time of matriculation ; or at the Second Examination in Medicine, if a longer interval than two academical years shall have elapsed from the time of passing the First Examination in Medicine ; or at the M.B. Degree Examination, if a longer interval than three academical years shall have elapsed from the time of passing the First Examination in Medicine.

## PRIZES.

*In Arts.*

A sum of £100 may be placed annually at the disposal of the Examiners in Arts, to be awarded in prizes for superior answering in special subjects, at their discretion.

*In Engineering.*

A sum of £50 may be placed annually at the disposal of the Examiners in Engineering, to be awarded by them in special prizes, at their discretion.

*In Music.*

The Senate may, at the Examinations for the Degrees of B.Mus. and

D.Mus., award gold or silver medals to such candidates as they may consider to have merited the same.

*In Medicine.*

A sum of £95 may be placed annually at the disposal of the Examiners in Medicine, to be awarded in prizes for superior answering in special subjects, at their discretion.

*In Law.*

The Senate may, at the Examination for the Degree of LL.B., award the following prizes :—One prize of £50, and one prize of £25.

OF SCHOLARSHIPS AND STUDENTSHIPS.

*Scholarships.*

The Senate may offer each year for competition six Scholarships of £50 per annum each; viz., two in Classics, two in Mathematics, and two in Modern Literature. They shall be tenable for three years, and shall be open to all students who, on the first day of the Scholarship Examination, shall be under twenty-one years of age, and who at the Matriculation Examination next preceding the Scholarship Examination shall have gained honours in those subjects respectively. These Scholarships may be held together with the Exhibitions gained for honours.

The payment for the second year of each of these Scholarships shall be withheld, unless the scholar shall at the Second University Examination answer satisfactorily in at least one Honour subject; and the payment for the third year, unless the scholar shall answer satisfactorily in at least one Honour subject at the Degree Examination.

Provided, that at the First Examination for Scholarships to be held in this University, candidates shall be eligible for scholarships, provided their age does not exceed twenty-one years.

*Studentships.*

The Senate shall have power to award Studentships (not exceeding ten in number) for merit, to be tested by competitive examination. After the lapse of four years, Graduates of the University, of not more than four years' standing, shall alone be eligible. Until that period, not only such graduates, but also students, although not graduates, shall be eligible, provided that no student who, previous to matriculation, has been a graduate of any other University, shall be allowed to compete. The examination shall be conducted under the direction of the Senate, regard being had not only to the marks obtained in examination, but to general academical distinction and promise. The salary of a student shall be £100 per annum. No Fellow or Professor of any other University or of any College endowed with public money shall be eligible. If any student shall be appointed Fellow or Professor in any other University or College endowed with public money, or if he shall be appointed a Fellow of this University, he shall *ipso facto* vacate his Studentship. The students shall not be bound to conduct examinations or to perform any other academic duty.

A Studentship shall be tenable for five years.

At least two Studentships shall be annually awarded.

The provisions for the appointment to Studentships shall not come into operation until after the lapse of one year from the date of the first

Matriculation Examination to be held by this University. And no person whose age, on the day of examination, shall exceed twenty-six years, shall be allowed to hold a Studentship.

#### OF FELLOWSHIPS.

The Senate may elect thirty-two Fellows of the University. In case it shall at any time appear advisable to reduce the number, it shall be in their power, with the consent of the Lord Lieutenant, to do so.

The salary of a Fellow, if he be not also a Fellow or Professor of some other University or College attached to an University or College endowed with public money, shall be £400 per annum. If he be a Fellow or Professor of such other University or College, and in receipt of a salary in respect of such other Fellowship or Professorship, he shall receive in respect of his Fellowship in this University such annual sum as, with the salary of his other Fellowship or Professorship, shall amount to £400 a year.

A Fellow shall hold office for seven year.

The Senate shall appoint to the office by open voting. The first set of Fellows shall be appointed by selection, without competitive examination; but afterwards vacancies in the office shall be filled in manner following. If occurring by reason of the expiration of the term for which the Fellowship was held, it shall be competent for the Senate to elect the same person again to the office. But when this shall not be done, and also in the case of vacancies arising from any other cause, the vacancy, if to be filled, shall be filled by competitive examination of graduates of the University, unless in any instance occurring within seven years after the appointment of the first set of Fellows it shall appear to the Senate more expedient to elect without examination.

Every Fellow shall hold his Fellowship upon condition that if required by the Senate he shall give his services in teaching Students of the University in some Educational Institution approved by the Senate, wherein matriculated students of the University are being taught. The Fellows shall constitute a Board of Examiners; they shall be bound to conduct by themselves, or with such other persons as the Senate may add, the University Examinations, without further payment, except for expenses. They shall report, for the consideration of the Senate, the standard to be required from students for Pass and Honours, and the relative proportion of marks to be allowed for the different subjects. If they think it expedient so to do, they shall have power to suggest for the approval of the Senate editions or text-books to be used by students in connection with the prescribed subjects. They shall, from time to time, report to the Senate the result of the examinations they have held, and submit for its consideration whatever rules they propose should be made in respect of the examinations.

The names of all persons to be proposed for the office of Fellow shall be forwarded to the Standing Committee, who shall communicate them, and information respecting the offices to be filled, to each member of the Senate; and no meeting shall be held for the election until a fortnight after the Committee shall have communicated such information.

#### INSTITUTIONS FROM WHICH THE UNIVERSITY RECEIVES CERTIFICATES FOR DEGREES IN MEDICINE.

The following are the Institutions from which the University receives

Certificates for Degrees in Medicine, subject to strict compliance with the regulations :—

## IRELAND.

*Belfast*.—Belfast General Hospital.

*Cork*.—Cork North Infirmary.

Cork South Infirmary.

District Lunatic Asylum.

*Galway*.—County Galway Infirmary and Town Hospitals.

*Dublin*.—University of Dublin.

Royal College of Surgeons.

Carmichael School.

Cecilia Street School.

Peter Street School.

Rotunda Hospital.

Adelaide Hospital.

City of Dublin Hospital.

Sir Patrick Dun's Hospital.

Jervis Street Hospital.

Mater Misericordiæ Hospital.

Meath Hospital.

Mercer's Hospital.

Richmond, Whitworth, and Hardwick Hospitals.

Dr. Steevens' Hospital.

St. Vincent's Hospital.

Coombe Lying-in Hospital.

Richmond Lunatic Asylum.

## ENGLAND.

*Bath*.—Bath United Hospital.

*Bedford*.—General Infirmary and Fever Hospital.

*Birmingham*.—Queen's College.

General Hospital.

Sydenham College.

*Bristol*.—Medical School.

Infirmary.

St. Peter's Hospital.

General Hospital.

*Cambridge*.—University Medical School and Addenbrooke's Hospital.

*Exeter*.—Devon and Exeter Hospital.

*Haslar*.—The Royal Naval Hospital.

*Hull*.—Hull and E. R. of York School of Medicine, &c.

*Leeds*.—School of Medicine.

General Infirmary.

*Leicester*.—Leicester Infirmary.

*Liverpool*.—Royal Infirmary School of Medicine.

Royal Infirmary.

Fever Hospital.

Northern Hospital.

Royal Southern Hospital.

*London*.—University College.

King's College.

London Hospital.



- London*.—Middlesex Hospital.  
 Charing Cross Hospital.  
 St. Thomas's Hospital.  
 St. Bartholomew's Hospital.  
 Westminster Hospital.  
 Guy's Hospital.  
 St. George's Hospital.  
 The Physicians of the St. Marylebone Infirmary.  
 The Royal College of Chemistry.  
 St. Mary's Hospital, Paddington.  
 Brompton Hospital for Consumption, for three months' Medical Hospital Practice.  
 Royal South London Dispensary.  
 Carey Street Dispensary.  
 St. Luke's Hospital.  
 London School of Medicine for Women.  
 Royal Free Hospital, Gray's Inn Road.
- Manchester*.—Royal School of Medicine and Surgery.  
 The Union Hospital.  
 The Royal Infirmary.  
 School of Medicine in Chatham Street.  
 Owens College, for Instruction in Chemistry.
- Netley*.—Royal Victoria Hospital.
- Newcastle-upon-Tyne*.—College of Medicine in connection with the University of Durham.  
 College of Medicine and Practical Science.  
 The Infirmary.
- Northampton*.—The General Infirmary.
- Norwich*.—Norfolk and Norwich Hospital.
- Nottingham*.—The General Hospital.
- Sheffield*.—The Sheffield Medical Institution.
- SCOTLAND.
- Aberdeen*.—King's College and University.  
 Royal Infirmary.
- Edinburgh*.—University of Edinburgh.  
 Medical and Surgical School, Surgeon's Hall.  
 Royal Infirmary.
- Glasgow*.—University of Glasgow.  
 Andersonian Institution.  
 Royal Infirmary.

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## THE CATHOLIC UNIVERSITY,

STEPHEN'S GREEN, DUBLIN,

Was founded in 1854 ; its first Rector, the Very Rev. J. H. Newman, D.D., was installed in 1855. It has no endowment, but depends upon voluntary contributions. Its organisation has not yet been fully completed, for although it includes the five Faculties of Theology, Law, Medicine, Philosophy, and Letters, and Science, the last three only are at present in

operation. The Faculty of Medicine is established in Cecilia Street, where there are two Medical Theatres, dissecting-rooms, a laboratory, &c. Anatomical dissections commence Oct. 1st; the Medical year of Lectures is from November 2nd to April 9th, and from April 10th to July 13th. The Medical School has several Exhibitions and Prizes. The Medical College is provided for the residence of Students whose studies and morals are simultaneously regulated. Each Medical Student is required to enter the Faculty of Arts as well as of Medicine. The ordinary fees are 1*l.* at Matriculation in Arts. 2*l.* on taking A.B. Degree, and 3*l.* 3*s.* for each course of Medical Lectures; there being in all 19 courses, extending over four years. Hospital fees, 3 years' course, are 8 or 9 guineas per annum, and diploma fees, at the end of the course, about 30*l.* The course of studies in the Faculties of Arts and Science also extends through four years. The following Exhibitions are open to Students on entrance—equally divided between Classical and Mathematical studies,—two of 20*l.*, four of 15*l.*, and eight of 10*l.*, and the same sums are awarded as Second and Third Year's Exhibitions. Besides these are the Cloyne Exhibitions in Logic, of 20*l.*; Mental Science, 20*l.*; Greek, 30*l.*; Latin, 30*l.*; and Irish History, 20*l.*; the Limerick Exhibitions—one Classical, 40*l.*; three Mathematical, of 40*l.*, 30*l.*, and 20*l.* each; and two for Modern Literature, of 20*l.* each; and the Conolly Exhibitions, of 20*l.* each; in Mathematics, Mathematical Physics, Cosmical Physics, Natural Sciences, and Medicine. This University is now undergoing reorganization to meet the change of circumstances brought about by the recent establishment of the Royal University of Ireland.

#### OFFICERS OF THE UNIVERSITY.

*Chancellor.*—Cardinal E. McCabe.

*Vice-Chancellor.*—The Most Rev. John MacHale, D.D., Archbishop of Tuam.

*Rector.*—Very Rev. Monsignor H. F. Neville, D.D.

*Vice-Rector.*—Very Rev. Gerald Molloy, D.D.

*Secretary and Librarian.*—Thomas Scratton, B.A.

#### THE FOLLOWING DIOCESAN SEMINARIES, COLLEGES, AND SCHOOLS ARE ALSO CONNECTED WITH THE UNIVERSITY.

|                                                |     |     |     |     |                  |
|------------------------------------------------|-----|-----|-----|-----|------------------|
| S. Patrick's College                           | ... | ... | ... | ... | Armagh.          |
| S. Mels'                                       | ... | ... | ... | ... | Longford.        |
| S. Patrick's                                   | ... | ... | ... | ... | Belfast.         |
| S. Stanislaus' College                         | ... | ... | ... | ... | Tullamore.       |
| Holycross Diocesan Seminary                    | ... | ... | ... | ... | Clonliffe.       |
| French College of the Immaculate Heart of Mary | ... | ... | ... | ... | Blackrock.       |
| S. Vincent's Seminary                          | ... | ... | ... | ... | Castleknock.     |
| S. Laurence's Seminary                         | ... | ... | ... | ... | Usher's Quay.    |
| Our Lady of Mount Carmel                       | ... | ... | ... | ... | Dominick Street. |
| Clongowe's Wood College                        | ... | ... | ... | ... | Clane.           |
| S. Kyran's                                     | ... | ... | ... | ... | Kilkenny.        |
| S. Aidan's Seminary                            | ... | ... | ... | ... | Enniscorthy.     |
| S. Colman's College                            | ... | ... | ... | ... | Fermoy.          |
| S. Vincent's Seminary                          | ... | ... | ... | ... | Cork.            |
| Abbey Seminary                                 | ... | ... | ... | ... | Mount Melleray.  |
| S. Brendan's Seminary                          | ... | ... | ... | ... | Killarney.       |
| S. Munchin's Seminary                          | ... | ... | ... | ... | Limerick.        |

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|                                      |     |     |     |     |                  |
|--------------------------------------|-----|-----|-----|-----|------------------|
| Episcopal Seminary                   | ... | ... | ... | ... | Ennis.           |
| S. Brendan's Seminary                | ... | ... | ... | ... | Loughrea.        |
| S. Muredach's Seminary               | ... | ... | ... | ... | Ballina.         |
| Achonry Diocesan Seminary            | ... | ... | ... | ... | Ballaghaderreen. |
| S. John's                            | ... | ... | ... | ... | Sligo.           |
| S. Ignatius'                         | ... | ... | ... | ... | Galway.          |
| College of the Immaculate Conception | ... | ... | ... | ... | Athlone.         |
| Diocesan Seminary                    | ... | ... | ... | ... | Newry.           |

These Colleges and Schools are visited at the close of each University Session, in July, by an Examiner specially deputed for the purpose. He examines the Affiliated Students, and at the same time he holds an Entrance Examination.



## THE UNIVERSITY OF DURHAM.

This University was opened in October, 1832, under authority granted by Act of Parliament, and received a Royal Charter on June 1st, 1837, by virtue of which its first Degrees were conferred on June 8th in the same year. In 1841 an Order in Council provided that the Wardenship should be permanently annexed to the Deanery of Durham, that a Canonry in Durham Cathedral should be annexed to each of its Divinity and Greek Professorships, and that other Professorships should be founded in Hebrew and other Oriental languages. The Castle of Durham and its precincts had been previously (Aug. 8th, 1837) granted by the Queen in Council to be held in trust by the Bishop for the benefit of the University, and the College founded within the University was thus provided with a chapel, hall, and convenient rooms for Students. The annual value of the Scholarships and Exhibitions is upwards of £1500.

The chief modifications and changes recently made in this University are the following :—The period of residence required for the Degree of B.A. is abridged from three years to two. The period of residence in each year is extended from six months to eight. The period required for the Licence in Theology is two years, in each of which the residence extends over six months. No person is admitted as a Student in Theology until he has attained the age of twenty years. Final examinations are held twice in the year, in June and December. Thus Students in Arts and Theology, who enter in October or January, can pass their final Examination and take their Degree or Licence immediately on the expiry of their two years of residence.

In Michaelmas Term, 1870, a regulation was provided that persons should be admissible as Members of the University, without becoming Members of any College, Hall, or House, on condition that they resided in some house or lodging approved by the Warden and Proctors.

The average annual expenses of a Student at University College, including those of the University as well as the College, are calculated at 80*l.* to 85*l.* ; at Bishop Hatfield's Hall, at 70*l.* 10*s.* to 76*l.* 16*s.* for Students in Arts, and at 60*l.* 10*s.* 6*d.* to 75*l.* 16*s.* 6*d.* for Students in Theology.

The chief expenses of the University may be thus stated :—

University admission fee, 2*l.* ; Tuition and other fees, each Term, 6*l.* ;

Rent, 4*l.* to 7*l.* 7*s.*; Commons or Board, &c., 1*l.* 1*s.* a week; Caution money (returnable), 15*l.* or 20*l.* The fees payable on taking Degrees are, B.A., 3*l.*; Licence in Medicine, 3*l.*; Civil Engineers, 3*l.*; M.B., 6*l.*; M.A., 6*l.*; Licence in Theology, 3*l.*; B.C.L., 6*l.*; B.D., 6*l.*; D.C.L., 10*l.*; D.D., 10*l.*; M.D., 6*l.*; Ad Eundem, 5*s.*

## SCHOLARSHIPS AND EXHIBITIONS.

FOUNDATION SCHOLARSHIPS AND EXHIBITIONS.—Six Scholarships of 70*l.* a-year each, tenable for two years. Two Scholarships of 40*l.* a-year each, tenable for two years. Two Scholarships of 30*l.* a-year each, tenable for two years. Two Exhibitions of 20*l.* a-year each (for candidates for admission of limited means), tenable for two years. Two Second-year Scholarships of 30*l.* a-year each, tenable for one year. The University Classical Scholarship of 30*l.*, tenable for one year. The University Mathematical Scholarship of 30*l.*, tenable for one year. A Scholarship attached to the Durham Grammar School, of 30*l.* a year, tenable for three years. A Scholarship of 30*l.*, tenable for one year, offered at the First Year Examination in Arts each October, open to all candidates who do not hold any Scholarship or Exhibition. Students entering from Theological Colleges may be candidates for this Scholarship.

Of the above, two Scholarships of 70*l.*, one of 40*l.*, one Exhibition of 20*l.*, and one Second-year Scholarship of 30*l.*, are open to competition at the beginning of every Michaelmas Term; and one Scholarship of 70*l.*, one of 30*l.*, and one Second-year Scholarship of 30*l.*, at the beginning of every Epiphany Term.

### *Theological Scholarships and Exhibitions.*

Six Scholarships of 60*l.* a-year each, tenable for two years. Two Scholarships of 30*l.* a-year each, tenable for two years. Two Exhibitions of 30*l.* each, tenable for one year. Six Exhibitions of 20*l.* each (for candidates for admission of limited means), tenable for two years. Two Second-year Exhibitions of 30*l.* each, tenable for one year. Two Exhibitions of 40*l.* each, for Students in Theology who have passed the Examination for the Degree of B.A. in the University of Durham, or in some other University, where the Examinations are of similar character; and payable after the Examination for the Licence has been passed.

Of the above, two Scholarships of 60*l.* and one of 30*l.*, one Exhibition of 30*l.* and two of 20*l.*, one Second-year Exhibition of 30*l.*, and one Graduates' Exhibition of 40*l.*, are open to competition at the beginning of every Michaelmas Term; and one Scholarship of 60*l.*, one Exhibition of 30*l.* (tenable for one year) and one of 20*l.*, one Second-year Exhibition of 30*l.*, and one Graduates' Exhibition of 40*l.*, at the beginning of every Epiphany Term.

### *Private Foundations.*

The Van Mildert, 50*l.* a-year, tenable for one year by a Bachelor of Arts, who is a Student in Theology. The Gisborne, 20*l.* a-year, tenable for three years. The Lindsay, 43*l.* 10*s.* a-year, tenable for three years, by natives of the Diocese of Durham who have been three years at least pupils at the Durham Grammar School, with a preference for the kin of the late Ralph Lindsay. Three Pemberton Scholarships, one of 40*l.* and two of 15*l.* a-year, tenable for three years. The Ellerton, 21*l.* a-year, tenable by natives of Yorkshire, with a preference for those of the North

Riding, educated at Richmond Grammar School. The Barry, 30*l.* a-year, tenable for one year by Students in Theology. The Newby, 21*l.* a-year, tenable by Students in Arts until they are of sufficient standing to present themselves for the final examination for the Degree of B.A. The Thorp, 15*l.* a-year, tenable for one year on condition of residence, study, conformity to discipline, and limited means.

#### *Medical Scholarships.*

Four Scholarships of 25*l.* a-year, tenable for four years, by Students in Medicine ; one of which is offered to competition at the beginning of every Michaelmas Term.

There is also an Exhibition Fund of 50*l.* a-year for the assistance of deserving Students of limited means ; also an Exhibition Fund connected with Durham Grammar School.

#### *Fellowships.*

There are Eight University Fellowships open to all Students who have graduated in Arts, of 120*l.* and 150*l.* a-year, tenable for eight or ten years. They are awarded by Examination.

#### *Prizes.*

Three Prize Exhibitions, one of 30*l.* and two of 25*l.* each, for Students in Theology on passing their final Examination at the end of Easter Term, and one of 30*l.* and one of 25*l.* at the end of Michaelmas Term every year.

Prizes of smaller amount are given annually for Classics, Mathematics, Theology, Hebrew, Hellenistic Greek, and Modern Languages.

Four Prizes of 5*l.* each are given annually for Hebrew.

A Prize of 6*l.*, founded by Mrs. Long, is given annually for Reading.

#### TERMS, DEGREES, &c.

The Academical year consists of three Terms, called respectively Michaelmas, Epiphany, and Easter Terms. The Michaelmas Term begins not earlier than the seventh day of October. The Easter Term ends not later than the first day of July. Final Examinations take place twice in each year, in the months of June and December, at the end of the Easter and of the Michaelmas Term.

The Degree of B.A., a Licence in Theology, can be obtained severally after a residence of two years, on passing the requisite Examinations.

The period of residence in each year is twenty-six weeks.

Candidates for admission as Students in Arts or Civil Law are required to pass an Examination in the Rudiments of the Christian Religion, in the Greek and Latin Languages, and in Arithmetic and the elements of Mathematics. Candidates may select any Greek and any Latin author *melioris ævi et notæ*.

Persons who have passed the final Examination for the Degree of B.A. or any higher Degree at Oxford, Cambridge, Dublin, or any other University in which the Examination is of a similar character to that required at Durham, are admissible as Students in Theology, without further Examination, and may obtain the Licence in Theology after residing one Academical year of six months, and passing the requisite Examination ; persons who have passed the Final Examination for the Degree of B.A. or any higher Degree at Durham, after residing one ordinary Term, or two short Terms of five weeks each, and passing the requisite Examination.

All other Candidates for admission as Students in Theology must have



attained the age of nineteen years, and are required to pass an Examination, the subjects of which are contained in the List of Subjects published annually.

Licentiates in Theology can obtain the Degree of B.A. after residing one ordinary Term, or two short Terms of five weeks each, and passing the requisite Examination.

Theological Students who have completed their residence, and passed all their Examinations, at any of the following Theological Colleges—S. Aidan's, S. Augustine's, S. Bees, Cumbrae, Gloucester, Lichfield, the Theological Department of King's College, London, and the Theological Department of Queen's College, Birmingham—may obtain the Degree of B.A. at Durham by residing three Terms there, of eight and a half weeks each, and passing the Final Examination in Arts. It is not necessary that the three Terms should be kept consecutively.

Candidates for admission in Arts and Theology, who fail to pass the requisite Examination, are admissible on the recommendation of the Examiners as Probationary Students.

Probationary Students may become regular Students on passing the required Examination, and be then allowed to count any Term kept by them as Probationary Students as a Term kept by a regular Student.

There are at present two Houses for the reception of Students, viz., University College and Bishop Hatfield's Hall. The annual expenses of a Student at University College, including fees to the University, may be calculated at about 85*l.*; those of a Student at Hatfield at about 70*l.* Further particulars may be obtained from the Master of University College and the Principal of Hatfield Hall.

Persons are also admissible as Members of the University without being Members of any College, Hall, or House, provided they reside in some House or Lodging approved by the Warden and Proctors, under regulations made for the purpose of securing good order and discipline. Such persons, unless married or living with their parents, must be twenty-three years of age. Their fees to the University for tuition, examinations, &c., amount to about 20*l.* per annum.

The Degrees of M.A., B.C.L., D.C.L., B.D., and D.D., may be obtained by Students who have passed the Examination for the Degree of B.A., and are of the requisite standing, and have passed the further Examinations, or performed the Exercises required by the University, and have paid the requisite fees.

No person can become a Licentiate in Theology, or take any Degree in Theology, unless he has previously declared in writing that he is a *bond fide* Member of the Church of England as by Law established. Except in these cases, no subscription is required from any Member of the University.

The Church Service of the University is that of the Cathedral of Durham. No Student who is not a Member of the Church of England is obliged to attend the Services of that Church.

Persons not Members of the University, on satisfying the Warden that they are of good moral character, may attend the Lectures of any Professor or Lecturer, with his consent, on paying fees, to be fixed by the Senate, to such Professor or Lecturer. The Senate shall make such regulations as shall secure the good conduct and discipline of these non-matriculated Students.

A License in Medicine or in Surgery may be obtained by Students of the age of twenty-one years and upwards, who have since their Registration

spent four years in Medical and Surgical Study at one or more of the Schools recognised by the Licensing Bodies named in Schedule A of the Medical Act of 1858, one of the said four years having been spent at the University's College of Medicine, Newcastle-upon-Tyne, and have passed the requisite Examinations in the University.

The Degree of Bachelor in Medicine or Master in Surgery may be obtained by Students who are of the same standing as that required for admission to the Licence in Medicine, and have passed in addition to their professional Examinations the requisite Examination in Arts.

The Degree of Doctor in Medicine may be obtained by Bachelors in Medicine of the age of twenty-four years and of the standing of six Terms at least from their admission to the Degree of Bachelor of Medicine, who have performed the requisite Exercises.

A special Examination has been appointed for the Degree of Doctor of Medicine, to which practitioners of fifteen years' standing and forty years of age are admissible without residence.

The Academical rank of Associate in Physical Science may be obtained by Students of the University of Durham College of Physical Science, Newcastle-upon-Tyne, who have pursued their studies during two academical years as Students of the aforesaid College, and passed the requisite Examinations.

The Title of "Mechanical, Mining, or Civil Engineer of the University of Durham" may be obtained by Associates in Physical Science, who after their admission to this rank have been engaged for three years, at least, in some practical work of Mechanical, Mining, or Civil Engineering, approved by the Council of the College of Physical Science, and have subsequently passed a further Examination, having principal reference to the work in which they have been engaged.

The Degree of Bachelor of Science may be obtained by Associates in Physical Science, after the lapse of two years, at least, from the time of their having been made Associates, and after passing the requisite Examinations.

### EXPENSES AT DURHAM.

#### *Entrance Fees.*

|                                              |    |   |   |
|----------------------------------------------|----|---|---|
| Admission Fee to University ... ..           | £2 | 0 | 0 |
| *Caution Money, at University College ... .. | 15 | 0 | 0 |
| Do. at Bishop Hatfield's Hall ... ..         | 15 | 0 | 0 |

#### *Terminal Fees.*

|                               |    |   |   |
|-------------------------------|----|---|---|
| Tuition, Library, etc. ... .. | £6 | 0 | 0 |
|-------------------------------|----|---|---|

#### *Terminal Expenses at University College.*

#### THREE TERMS IN THE YEAR (SIX MONTHS).

|                                                  |    |    |   |
|--------------------------------------------------|----|----|---|
| Rent of Rooms, unfurnished ... ..                | £5 | 0  | 0 |
| College Commons, comprising Dinner and Meat      |    |    |   |
| Luncheon (per week) ... ..                       | 0  | 16 | 6 |
| Service and Gas ... ..                           | 3  | 15 | 0 |
| Coals for Hall and Kitchen ... ..                | 1  | 0  | 0 |
| Coals for Rooms, according to consumption ... .. |    |    |   |
| Detriments ... ..                                | 1  | 0  | 0 |

\* This is returned to the Student on leaving the University, and is a Guarantee Fund against loss by terminal defalcations.

The annual average expenses at the College, including those of the University, may be estimated at £80 to £85.

*Terminal Expenses at Bishop Hatfield's Hall.*

THREE TERMS IN THE YEAR (SIX MONTHS).

|                                                                                                        |    |     |    |    |   |      |
|--------------------------------------------------------------------------------------------------------|----|-----|----|----|---|------|
| A Set of Rooms, furnished (with the exception of Linen) ... ..                                         | £6 | 6s. | to | £7 | 7 | 0    |
| Commons or Board, including Servants and all Domestic Charges (except Washing) per week, £1 3s. ... .. |    |     |    |    | 9 | 15 6 |

*Fees for Examinations and Degrees.*

TO BE PAID ON APPLICATION.

|                                                    |    |   |   |
|----------------------------------------------------|----|---|---|
| For Senior Middle-Class Examination ... ..         | £1 | 0 | 0 |
| For Examination at the end of First Year ... ..    | 1  | 0 | 0 |
| For Registration Examination... ..                 | 1  | 0 | 0 |
| For Extraordinary Registration Examination ... ..  | 2  | 0 | 0 |
| For Registration ... ..                            | 0  | 5 | 0 |
| For each Public Examination in Medicine or Surgery | 5  | 0 | 0 |
| For a License in Medicine ... ..                   | 3  | 0 | 0 |
| For a License in Surgery ... ..                    | 3  | 0 | 0 |
| For a Degree of Master in Surgery ... ..           | 6  | 0 | 0 |
| For a Degree of Bachelor in Medicine ... ..        | 6  | 0 | 0 |
| For a Degree of Doctor in Medicine ... ..          | 6  | 0 | 0 |

BISHOP HATFIELDS' HALL, founded in 1846, named after a liberal contributor to the endowment of Durham College, in Oxford, provides furnished rooms for Students, has special claims to Bishop Maltby's Exhibition, and has equal footing with University College as regards all Fellowships and Scholarships except the Pemberton Foundation. The academical year consists of three Terms of not less than eight weeks each, called Michaelmas, Epiphany, and Easter; and the ordinary age for admission of Students is from 16 to 21, and for the Divinity course from 21 to 26.

BISHOP COSIN'S HALL.—This Hall was opened in October, 1851. The arrangements were nearly the same as in Bishop Hatfield's Hall. In Michaelmas Term, 1864, the Students then in residence were transferred partly to University College, and partly to Bishop Hatfield's Hall.

OFFICERS OF THE UNIVERSITY.

*Visitor.*—The Lord Bishop of Durham, D.D.

*Warden.*—The Very Rev. W. C. Lake, D.D., Dean of Durham.

*Sub-Warden.*—Rev. R. J. Pearce, M.A.

*Professor of Divinity and Ecclesiastical History.*—Rev. Adam Storey Farrar, D.D., F.R.Ast.S.

*Professor of Greek and Classical Literature.*—Rev. Thomas Saunders Evans, M.A., Canon of Durham.

*Professor of Mathematics.*—Rev. Robert John Pearce, M.A., Fellow of Gonville and Caius College, Cambridge.

*Master of University College.*—Rev. Alfred Plummer, D.D.

*Principal of Bishop Hatfield's Hall.*—Vacant.

*Tutors.*— { Rev. Alfred Plummer, D.D., late Fellow and Senior Tutor of  
Trinity College, Oxford.  
Rev. J. Atkinson, M.A.  
Vacant.

*Proctors.*— { Rev. A. Plummer, D.D.  
Rev. J. T. Fowler, M.A.

*Classical Lecturer.*—Rev. W. Hooper, M.A.

*Professor of Hebrew.*—Ven. Canon Watkins, D.D.

*Professor of Medicine.*—George H. Philipson, M.A., M.D., F.R.C.P.

*Teacher of Modern Languages.*—E. Wendling, B.A.

*University Librarian.*—Rev. J. T. Fowler, M.A.

*Maltby Librarian.*—(Vacant)

*Observer.*—G. A. Goldney.

*Lecturer in Hebrew.*—Rev. J. T. Fowler, M.A.

*Mathematical Lecturer.*—Rev. J. Morris, M.A.

*Registrar.*—W. K. Hilton, M.A.

*Treasurer and Secretary.*—Arthur Beanlands, M.A.

## UNIVERSITY OF DURHAM COLLEGE OF MEDICINE, NEWCASTLE-UPON-TYNE.

This College is in connexion with the University of Durham. Established 1851. About 60 Students educated in Medicine and the Natural Sciences. Candidates for the Licenses and Degrees in Medicine and Surgery of the University of Durham are not required to reside in Durham. The cost of all Lectures at this School requisite for the Examining Boards is forty-four guineas, and of the Hospital Practice of this School (at the Newcastle Infirmary) is seventeen guineas. There are 4 Scholarships of 25*l.* per ann., tenable 4 years. Also the Dickinson Memorial Scholarship of 15*l.* per ann., tenable 1 year. The Laboratories, Libraries, Museums, etc., are open daily to Students.

Candidates for Registration as Students in Medicine must have passed the Medical Registration Examination appointed by the University, or such other Examination as the Warden and Senate may deem equivalent thereto.

Any Arts Examination recognised by the General Medical Council is accepted by the University.

Two Licenses and three Medical Degrees are conferred by the University of Durham, viz., Licenses in Medicine and Surgery, and the Degrees of Bachelor of Medicine, Master in Surgery, and Doctor of Medicine.

*Regulations for the License in Medicine.*—1. The Candidate must produce certificates of Registration as a Student in Medicine, of good moral conduct, of having attained the age of twenty-one years, and such certificates of attendance on Lectures and Hospital Practice as the Warden and Senate shall require.

2. The Candidate must have been engaged in Medical and Surgical Study for four years after Registration as a Student in Medicine. One of the four years must be spent at the University of Durham College of Medicine, Newcastle-on-Tyne, the other three may be spent either at Newcastle-on-Tyne, or at one or more of the Schools recognised by the Licensing Bodies named in Schedule A of the Medical Act, 1858.

There are two Professional Examinations. The first is held at the end of the Second Winter Session ; the final at the end of the fourth year of Medical Study.

The Regulations for the License in Surgery are the same as those for the License in Medicine, except that the Final Examination is directed more particularly to Surgery, and may or may not be passed at the same time as the Final Examination for the License in Medicine.

*For the Degree of Bachelor of Medicine.*—1. The Candidate must produce Certificates of Registration as a Student in Medicine, of good moral conduct, of having attained the age of twenty-one years, and such Certificates of attendance on Lectures and Hospital Practice as the Warden and Senate shall require.

2. The Candidate must have obtained a Degree in Arts of the University of Durham, or must have passed the Arts Examination for Graduation in Medicine of the University, or must produce one or other of the following Certificates :—

(a) A Certificate of Graduation in Arts at any of the following Universities, viz. :—Oxford, Cambridge, Durham, Dublin, London, Queen's University (in Ireland), Edinburgh, Glasgow, S. Andrew's, Aberdeen, Calcutta, Madras, Bombay, McGill College (Montreal), and Queen's College (Kingston).

(b) A Certificate of having passed the Preliminary or Extra-Professional Examination for Graduation in Medicine of any of the following Universities, viz. :—London, Edinburgh, Glasgow, S. Andrew's, Aberdeen, Queen's University (Ireland) ; the Arts Examination, qualifying for the Membership of the Royal College of Physicians of London ; the Arts Examination, qualifying for the Fellowship of the Royal College of Surgeons of England.

3. The Candidate must have been engaged in Medical and Surgical Study for four years after Registration as a Student in Medicine. One of the four years must be spent at the University of Durham College of Medicine, Newcastle-on-Tyne ; the other three may be spent either at Newcastle-on-Tyne or at one or more of the Schools recognised by the Licensing Bodies named in Schedule A of the Medical Act, 1858.

There are two Professional Examinations. The first is held at the end of the second Winter Session, the final at the end of the fourth year of Medical Study.

The subjects are the same as for the License in Medicine, but the Examinations are more stringent.



*For the Degree of Master in Surgery.*—The Regulations are the same as for the Degree of Bachelor of Medicine, except that the Final Examination is directed more particularly to Surgery.

*For the Degree of Doctor of Medicine.*—1. The Candidate must have obtained the Degree of Bachelor of Medicine, must be of the age of twenty-four years, and must have been engaged, subsequently to his having received the Degree of Bachelor of Medicine, for at least two years in attendance on an Hospital, or in the Military or Naval Services, or in Medical and Surgical Practice.

2. The Candidate must write an Essay, based on original research or observation, on some Medical Subject, selected by himself, and approved of by the Professor of Medicine, and must pass an Examination thereon, including the Collateral Medical Sciences involved in the subject of the Essay.

The Examinations for Licenses and Degrees in Medicine and Surgery are conducted at Newcastle-upon-Tyne.

#### OFFICERS.

*President.*—G. Y. Heath, M.D., D.C.L.

#### *Lecturers.*

*Practical Physiology.*—T. Oliver, M.B.

*Psychological Medicine.*—R. H. B. Wickham, F.R.C.S.

*Physiology.*—D. Drummond, M.A.

*Anatomy.* { W. P. Mears, M.R.C.S.  
John Russell, M.R.C.S.

*Dissections.*—W. P. Mears, M.R.C.S.

*Pathological Anatomy.*—C. J. Gibb, M.D., M.R.C.S.

*Principles and Practice of Physics.*—G. H. Philipson, M.D., F.R.C.P.

*Principles of Chemistry.*—A. Freire-Marreco, M.A.

*Principles and Practice of Surgery.* { G. Y. Heath, M.D., M.R.C.S.  
W. C. Arnison, M.D., M.R.C.S.

*Diseases of Women and Children.*—C. Gibson, M.D., M.R.C.S.

*Midwifery.*—T. C. Nesham, M.D., M.R.C.S.

*Materia Medica.*—S. McBean, L.R.C.S.

*Therapeutics.*—T. W. Barron, B.A.

*Botany and Vegetable Physiology.*—J. Murphy, B.A., M.D.

*Hygiene.*—H. E. Armstrong, M.R.C.S.

*Medical Jurisprudence.*—F. Page, M.D.

*Pharmacy.*—B. S. Proctor.

*Arts Tutor.*—Rev. J. Bulmer, B.D.

*Secretary.*—H. E. Armstrong, M.R.C.S.

*Registrar.*—L. Armstrong, M.A.

*Treasurer.*—W. C. Arnison, M.D.

*Operative Surgery.*—Luke Armstrong, M.D.

*Demonstrator of Anatomy and Medical Tutor and Curator of Museums.*—  
W. P. Mears, M.R.C.S.

# THE UNIVERSITY OF DURHAM

## COLLEGE OF PHYSICAL SCIENCE, NEWCASTLE-UPON-TYNE.

### COLLEGE REGULATIONS.

1. Students must have attained the age of 15 years, and must sign a declaration of conformity to the standing regulations of the College.

2. Class tickets will be issued by the Secretary, who will attend at the College daily, at 11 a.m., from Monday, the 1st October. All class tickets must be presented to the Professor for registration, before the Student's name can be inserted in the class list.

3. In addition to the class-fees, Students will be required to pay an entrance fee of one guinea. Students who do not enter to more than two classes may commute this, on payment of seven shillings entrance fee for each course.

4. Students desirous of studying the whole of the four subjects originally professed in the College, namely, Mathematics, Experimental Physics, Chemistry, and Geology, may compound for the class fees, by payment of 17*l.* 17*s.*

5. The attendance of Students will be noted, and a terminal report of the same will be sent to such parents or guardians as may signify their wish to receive it.

6. Periodical Examinations, written and *viva voce*, will be held in the various classes. Students failing to pass these Examinations, with no satisfactory reason assigned, will not be entitled to certificates of class attendance.

7. Students attending the courses of Physics and Chemistry will not be entitled to certificates of class attendance, unless they have attended the respective laboratories. Students in Geology will similarly be expected to attend the Practical Demonstrations in Geology in their first year, and the Geological Surveying Class in their second year.

8. The scientific works belonging to the Literary and Philosophical Society, and the Institute of Mining and Mechanical Engineers, within the Wood Memorial Hall, will be at the service of Students, for the purpose of reference or study. Tickets of admission must be obtained from the Secretary, and half-a-guinea must be deposited as caution money by each Student on obtaining his ticket.

9. Regular attendance at lectures will be expected from all Students. Systematic neglect of work will be considered an offence, calling for notice from the Council.

10. Disorderly conduct on the part of any Student, within the precincts of the College, will be visited with such punishment as the Council may consider necessary.

*The Council reserve to themselves the right of expelling a Student, in any case in which such a punishment shall seem to them deserved.*

#### *Courses of Study.*

Students will be distinguished into Regular and Occasional. Regular Students will be required to follow such a course of study in the subjects

professed in the College, as will enable them to pass the Examinations for the title of Associate of Physical Science. Occasional Students will attend such classes as they may select. Every candidate for admission as a regular Student must pass an Examination on entrance, in Reading, Writing from Dictation, English or Latin Grammar, Arithmetic (including Decimals), and Geography. Registered Students in Medicine are exempted from this Examination, or Students who produce a certificate of having passed either of the two following Examinations : 1. Durham Senior Examination of Persons not Members of the University, held in June ; 2. Durham Examination for Students in Arts in their first year.

Any further information that may be required for intending Students can be obtained on application to the Secretary, Mr. Theo. Wood Bunning, at the College.

*Regulations affecting the Scientific Titles and Degrees of the University of Durham.*

1. Students of the College of Physical Science are admitted members of the University in accordance with the Regulations.

2. No one shall be admitted to be a regular Student of the College of Physical Science who has not passed an Examination in the following subjects—viz., Reading, Writing from Dictation, English or Latin Grammar, Arithmetic (including Decimals), and Geography.

3. The course of study shall extend over two years at least, each of which shall contain three Terms.

4. Students in Physical Science who shall have completed their course shall be admissible by grace of the University to the academical rank of Associate in Physical Science.

5. No grace for admission to this rank shall be granted unless the petitioner shall have passed two Public Examinations, to be conducted at Newcastle-upon-Tyne.

6. The first of these Examinations shall be conducted by three or more Examiners, appointed by the Council of the College of Physical Science, and shall be in the subjects appointed for Students of the first year in the College of Physical Science. No Student shall be admitted to this Examination till he is in his third term of residence, at least, from the date of his Matriculation.

7. The second Examination shall be conducted by three Examiners at least, of whom one shall be nominated by the Warden, and the others by the Council of the College of Physical Science, and who shall be approved by Convocation ; and it shall have reference to :—

- |                                         |          |                                                                                                                                                             |
|-----------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(a) For Pass<br/>(b) For Honours</p> | <p>{</p> | <p>The subjects named in the Prospectus<br/>of the College of Physical Science<br/>for the Examination of Students at<br/>the end of their second year.</p> |
|-----------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

No Student shall be admitted to this Examination till he has passed the first Examination, and in his sixth Term of residence, at least, from the date of his Matriculation.

8. All those who satisfy the Examiners at either of these Examinations shall be classed.

9. Any Student in Arts, after passing the first Public Examination

appointed for Students in Arts, may, by permission of the Council, proceed as a Student of Physical Science of the second year, provided he has also passed the Examination appointed for Students of Physical Science at the end of their first year.

10. Associates in Physical Science, who, after their admission to this rank, have been engaged for three years, at least, in some practical work of Mechanical, Mining, or Civil Engineering approved by the Council of the College of Physical Science, and have subsequently passed a further Examination having principally reference to the work in which they have been engaged, shall be admissible, by grace of the University, to the title of Mechanical, Mining, or Civil Engineer of the University of Durham.

11. This Examination shall be conducted by three Examiners at least, one of whom shall be nominated by the Warden, a second by the Council of the College of Physical Science, and the third by the North of England Institute of Mining and Mechanical Engineers, and who shall be approved by Convocation.

12. Students who have obtained the academical rank of Associate in Physical Science shall be admissible to the Degree of Bachelor of Science, provided not less than two years shall have intervened from the time of their becoming Associates, after passing an Examination in not less than six of the following subjects—viz., (1) Mathematics (Pure and Applied), (2) Physics, (3) Chemistry, (4) Geology, (5) Engineering, (6) Biology, (7) either Latin or Greek, (8) either French or German, the last of these subjects is compulsory.

### SCHOLARSHIPS.

**T. Y. HALL SCHOLARSHIP.**—This Scholarship, of the yearly value of 20*l.*, tenable for three years by Students attending two or more of the classes, will be awarded on the result of the first Examination for the Associateship in Science.

**CHARLES MATHER SCHOLARSHIP.**—This Scholarship, of the yearly value of about 40*l.*, will be awarded on the result of the Final Examination for the Associateship in Science, coupled with satisfactory general conduct and attainments during the previous two years; and is tenable for one year from the time of obtaining the Associateship in Science, provided the Scholar continue his studies in the College to the satisfaction of the Professors.

**NATHANIEL CLARK SCHOLARSHIP.**—This Scholarship, of the value of 15*l.* for one year, will be awarded in October to that Student who shall pass the First Examination for the Associateship in Science, and who shall be most distinguished in Chemistry and Geology. The Scholar will be required to attend the classes of Chemistry and Geology, so as to be qualified to take those subjects for the Final Examination for the Associateship in June next. The successful Candidate, if already an Exhibitioner, may retain his Exhibition.

### PRIZES.

Prizes are awarded at the end of the Session to the most distinguished Students in each class, according to the decisions of the respective professors.

## OFFICERS OF THE COLLEGE.

*President.*—The Warden of the University, and a Council of 15 members.

*Principal.*—W. S. Aldis, M.A.

*Professor of Pure and Applied Mathematics.*—W. Steadman Aldis, M.A.

*Professor of Chemistry.*—A. Freire-Marreco, M.A.

*Professor of Physics and Experimental Philosophy.*—A. S. Herschel, M.A.

*Professor of Geology and Lecturer in Geological Surveying.*—G. A. Lebour, F.G.S.

*Professor of Natural History.*—Geo. Stewardson Brady, M.D., F.L.S., &c.

*Lecturer in French.*—G. de Poitiers.

*Lecturer in German.*—H. Schünemann, Ph.D., Leipzig.

*Teacher of Mechanical Drawing.*—J. A. G. Ross.

*Secretary.*—Theo. Wood Bunning, C.E.

*Professor of Mining.*—J. H. Merrivale.

*Professor of Modern History.*—W. Moore Ede, M.A.



## THE UNIVERSITY OF LONDON,

Founded in 1837, a Royal Charter was granted in 1863, and a Supplemental Charter May 14, 1878, admitting women to all degrees without exception, and now occupying the new buildings in Burlington Gardens, was established for the purpose of conferring Degrees in Arts, Law, and Medicine, after the usual examinations, upon candidates for such honours. Those Examinations take place half-yearly at stated periods. The peculiar feature of the University of London is that it is open to all, "without distinction of rank, sect, party, creed, or place of education," and that the institutions from which its candidates are chiefly derived, belong respectively to the Church of England and to Protestant Dissenters of every shade of opinion, as well as to Roman Catholics. The cost of obtaining Degrees is stated in the subjoined list of fees.

Many years ago a vote was carried in the House of Commons in favour of the Charter of an University being conferred on "UNIVERSITY COLLEGE, LONDON," with the usual power of granting Degrees, and the motion was carried by a large majority; but soon after a change of Government occurred, and, in consequence of a recently presented "Report of a Royal Commission on *Scottish Universities*," there was a strongly-expressed opinion that teachers ought not to possess the power of estimating the nature of their own teaching; and the Government of the day, acting under this influence, founded, with the sanction of Her Majesty, the "UNIVERSITY OF LONDON," which was originally intended, not to teach, but exclusively to confer Degrees, and to confer its Degrees upon the pupils of Colleges, not only in London, from time to time, but of those Institutions throughout the kingdom that would be recognised by the governing body of the University. The University College, London, sends the greatest number of candidates for examination.

*Examinations for Women.*

All the Examinations of the University, with the prizes, exhibitions, scholarships, and medals depending upon them, are now open to women,



upon exactly the same conditions as to men, under a supplementary charter granted in 1878.

## REGULATIONS.

### MATRICULATION.

Candidates for any Degree granted by this University are required to have passed the Matriculation Examination. This Examination is accepted by the Council of Military Education in lieu of the Entrance Examinations, otherwise imposed on Candidates for admission to the Royal Military College at Sandhurst, and in lieu of the Preliminary Examination for a Fellowship of the Royal College of Surgeons. There are two Examinations in each year for *Matriculation*, one commencing in January, the other in June; and these Examinations, and also for the Degrees of B.A. and B.Sc., can be held not only at the University of London, but also in other parts of the United Kingdom, or in the Colonies, and they are carried on simultaneously with the Examinations in London, under the supervision of sub-Examiners appointed by the Senate. For all information as to the regulations, the transmission of certificates, the fees payable to the University, and the time and mode of conducting the Examinations, should be addressed, "To the Registrar of the University of London, London, W." The fee for matriculating is 2*l*. Candidates must prove a competent knowledge of Latin, and any two of Greek, French, and German, the English language, History and Geography, Mathematics, Natural Philosophy, and Chemistry. The particulars of the subjects are given in the University Calendar. There are three Exhibitions, value 3*l*., 20*l*., 15*l*., and a prize of 10*l*. for the first four Candidates in the Honour Division, and any Candidate who may obtain a place in the Honour Division at the Examination in January shall be admissible to the first B.A. or to the first B.Sc. Examination in the following July.

### ARTS.

#### BACHELOR OF ARTS.

##### *First or Intermediate Examination.*

Candidates for the Degree of Bachelor of Arts shall be required to have passed the Matriculation Examination. The first B.A. Examination takes place in July in each year. The fee is 5*l*. Candidates are examined in the following subjects:—Mathematics, Arithmetic, Algebra, Geometry, Trigonometry, Classics, the Latin Language, Greek, one book of Homer, or Xenophon, the English Language, Literature and History, the French or the German Language. There are three Exhibitions, two of 40*l*., tenable for two years, and one of 30*l*.

##### *Second Examination.*

The Examination for the B.A. Degree takes place in October in each year. The fee is 5*l*. Candidates are examined in the following branches of knowledge; branches I., II., and III. being compulsory, but an option being allowed between branch IV. and branch V.:—I. Latin, with Roman History (two papers). II. Greek, with Grecian History (two papers). III. One of the following languages: English, French, German, Italian, Arabic, Sanskrit (two papers in each). IV. Either Pure Mathematics or Mixed Mathematics (two papers in each). V. Mental and Moral Science (two papers). Candidates for Honours shall be examined in the

Honour subjects of the first B.A. Examination carried to a higher development. Two University Scholarships of the value of 50*l.* per annum each, tenable for three years.

#### MASTER OF ARTS.

This Examination takes place in June in each year. The fee is 10*l.* Candidates are examined in one or more of the following branches of knowledge :—Classics, Mathematics and Natural Philosophy, Mental and Moral Science, Political Philosophy, History of Philosophy, Political Economy. A Certificate under the seal of the University, and signed by the Chancellor, is delivered at the public presentation for Degrees to each Candidate who has passed.

#### DOCTOR OF LITERATURE.

Candidates are required to have obtained the Degree of B.A. at this University.

#### *Intermediate D. Litt. Examination.*

This Examination takes place in June in each year. The fee is 10*l.* Candidates are examined in (1) the Greek and Latin Classic Authors, (2) Prose Composition in Greek, Latin, and English, (3) Ancient History, and the History of Europe to the end of the 18th century.

#### *D. Litt. Examination.*

This Examination takes place in December in each year. The fee is 10*l.* Candidates who have taken the degree of M.A. in branch II. or III. shall be exempt from the payment of this fee. Candidates are examined in (1) English Language, Literature, and History, (2) French Language and Literature, (3) German Language and Literature, (4) Anglo-Saxon Language and Literature, with Icelandic Language and Literature, (5) Sanscrit Language and Literature, (6) Arabic Language and Literature, (7) Hebrew Language and Literature, with Syriac Language and Literature.

### SCIENCE.

#### BACHELOR OF SCIENCE (B.Sc.)

#### *Intermediate Examination in Science.*

The first Examination takes place in July in each year. The fee is 5*l.* Candidates are examined in the following subjects :—Pure and Mixed Mathematics, Inorganic Chemistry, Experimental Physics and General Biology. Candidates for Honours are examined in the higher branches of these subjects. There are two Scholarships of 50*l.* each per annum, tenable for two years.

#### *B.Sc. Examination.*

This Examination takes place in October in each year. The fee is 5*l.* Candidates are required to show a competent knowledge of *any three* which they may select out of the nine following subjects :—1. Algebra, Trigonometry, Geometry, Differential Calculus, Integral Calculus ; 2. Mixed Mathematics, Dynamic Astronomy ; 3. Experimental Physics, Heat, Optics, Magnetism, Electricity ; 4. Chemistry, Organic and Inorganic Chemistry ; 5. Botany, Histology, Morphology, Physiology ; 6. Zoology ; 7. Animal Physiology ; 8. Physical Geography and Geology ; 9. Mental and Moral Science. Candidates for Honours are examined in the higher branches of these subjects. There are four Scholarships of 50*l.* each, tenable for two years.

## DOCTOR OF SCIENCE.

The Examination for this Degree takes place in June of each year, and each branch occupies four days. The fee is 10*l.* for every branch of the examination. Candidates for the Degree of D.Sc. are examined in one or more of the following branches of knowledge :—*Physical Science*: 1. Pure Mathematics; 2. Mechanical Science; 3. Astronomy; 4. Inorganic Chemistry; 5. Organic Chemistry; 6. Electricity; 7. Magnetism; 8. Physical Optics, Heat, Acoustics; 9. Animal Physiology;—*Biological Science*: 10. Comparative Anatomy; 11. Zoology; 12. Vegetable Physiology; 13. Systematic Botany;—*Geological and Paleontological Science*: 14. Geology; 15. Paleontology;—*Mental and Moral Science*: 16. Psychology, Logic, and Ethics.

## LAWS.

## BACHELOR OF LAWS.

*Intermediate Examination in Laws.*

This Examination takes place in January in each year. The fee is 5*l.* Candidates are examined in the following subjects:—1. Jurisprudence; 2. Roman Law; 3. Constitutional History of England. The Candidate who has taken the highest Honour is entitled to an Exhibition of 50*l.* per ann., tenable for the next two years, with the style of University Law Scholar.

*LL.B. Examination.*

This Examination follows immediately the pass Examination. The fee is 5*l.* Candidates are examined in the following subjects:—1. Common Law, including Law of Evidence and Criminal Law; 2. Equity; 3. Real Property Law; 4. Roman Law.

## DOCTOR OF LAWS.

This Examination is held in the week following the LL.B. Examination. The fee is 10*l.* Candidates shall be examined in the following subjects:—1. Roman Law; 2. One of the three following subjects, at the option of the Candidate:—Common Law, including Law of Evidence and Criminal Law; Real Property Law, including Conveyancing; Equity; 3. One of the two following subjects, at the option of the Candidate:—International Law, Public and Private; Jurisprudence and Principles of Legislation. The Candidate who distinguishes himself the most shall receive a gold medal of the value of 20*l.*

## MEDICINE.

## PRELIMINARY SCIENTIFIC (M.B.) EXAMINATION.

This Examination takes place in July in each year. Candidates for the Degree of M.B. are strongly recommended by the Senate to pass this Examination before commencing their regular medical studies, and to devote one year in preparation for it. The fee is 5*l.* Candidates are examined in the following subjects:—Inorganic Chemistry, Experimental Physics, Acoustics, Heat, Magnetism, Electricity, Optics, Botany and Vegetable Physiology, Zoology. An Exhibition of 40*l.* per ann., tenable for two years, on Experimental Physics; this is given through the liberal endowment of the late Dr. Arnott, and is entitled "The Neil-Arnott Exhibition." There are also two other Exhibitions of 40*l.* each, tenable for two years. Separate Honours in Organic Chemistry and in *Materia Medica* will be awarded at the first M.B. Honour Examination, an Exhibi-

bition of 30*l.* per ann., tenable for two years, and a gold medal being attainable in each subject.

*Intermediate Examination in Medicine.*

This Examination takes place in July in each year. The fee is 5*l.* Candidates are examined in the following subjects:—Descriptive and Surgical Anatomy, Physiology and Histology, Pathological Anatomy, Materia Medica and Pharmacy, General Pathology, General Therapeutics, Forensic Medicine, Hygiene, Obstetric Medicine and Diseases peculiar to Women and Infants, Surgery, Medicine. There is an Exhibition of the value of 30*l.*, tenable for two years.

BACHELOR OF MEDICINE.

*M.B. Examination.*

This Examination takes place in November in each year. The fee is 5*l.* Candidates are examined in the following subjects:—General Pathology, General Therapeutics and Hygiene, Surgery, Medicine, Obstetric Medicine, Forensic Medicine. The Candidate who most distinguishes himself is entitled to receive 30*l.* per annum for the next two years, with the style of University Scholar in Forensic Medicine.

BACHELOR OF SURGERY.

This Examination takes place in December in each year. The fee is 5*l.* Candidates are examined in the following branches:—Surgical Anatomy and Surgical Operations, Performance of Surgical Operations on dead subjects, Application of Surgical Apparatus, *vivâ voce* Interrogation. There is a Scholarship of 50*l.* per annum, tenable for the next two years.

MASTER OF SURGERY.

This Examination is held in December in each year. The fee is 5*l.* Candidates are examined on the following subjects:—Logic and Psychology, and Surgery. A gold medal of the value of 20*l.* is given.

DOCTORS OF MEDICINE.

This Examination is held in December. The fee is 5*l.* Candidates are examined in the following subjects:—Logic, Psychology, and Medicine. A gold medal of 20*l.* is given to the Candidate who most distinguishes himself in Medicine.

EXAMINATION ON SUBJECTS RELATING TO HEALTH.

A Special Examination is held in December every year on subjects relating to Public Health. The fee is 5*l.* Candidates are examined on the following subjects:—Chemistry and Microscopy, Meteorology and Geology, Physics and Sanitary Apparatus, Vital Statistics, Hygiene, and Sanitary Law. A gold medal of the value of 5*l.* is given to the Candidate who distinguishes himself the most.

MUSIC.

BACHELOR OF MUSIC (B.MUS.).

*First B. Mus. Examination.*

The first Examination takes place in December in each year. The fee is 5*l.* Candidates are examined in the following subjects:—The relations

between Musical Sounds and the Vibrations of Sonorous Bodies, as affecting the *pitch* of the sounds ; the simpler properties of stretched strings, and the sounds produced by them ; Compound Vibrations ; Modes ; the nature of Harmonics ; the general theory and simpler phenomena of Compound Sounds ; the theoretical nature of Consonance and Dissonance as determined by Helmholtz ; the theoretical nature and values of Musical Intervals ; the theoretical construction of the Modern Scales ; Temperament ; Melody ; Time ; Rhythm ; the principles of the Construction of Chords ; the History of Music, in so far as it relates to the growth of Musical Forms and Rules.

#### *Second B. Mus. Examination.*

The second Examination follows the first also early in December. The fee is 5*l*. Every Candidate is required to transmit to the Registrar, at least one calendar month before the commencement of the Examination, a Musical Exercise, clearly and legibly written in the proper clefs, of such length as to occupy from twenty to forty minutes in performance, and fulfilling the following conditions :—

- (a) It must be a Vocal Composition to any words the writer may select.
- (b) It must contain real five-part Vocal Counterpoint, with specimens of imitation, canon, and fugue.
- (c) It must have accompaniments for a quintett String Band.

The Candidate will be required to make a solemn declaration that the exercise is entirely his or her own unaided composition ; and if the exercise be approved by the Examiners, the qualifications of the Candidate will be further tested by an examination in the following subjects :—Practical Harmony and Thorough Bass ; Counterpoint, in not more than five parts, with Canon and Fugue ; Form in Musical Composition ; Instrumentation, so far as is necessary for understanding and reading a full score ; arranging for the Pianoforte, from an instrumental score ; a critical knowledge of the full scores of such standard Classical Compositions as shall be announced beforehand.

#### DOCTOR OF MUSIC (D.MUS.).

##### *First D. Mus. Examination.*

Every Candidate for the Degree of Doctor of Music shall be required to have obtained the Degree of Bachelor of Music. The first D. Mus. Examination takes place in the second week in December in each year. The fee is 5*l*. Candidates shall be examined in the following subjects :—The Phenomena of Sound in general, and the general nature of Aërial Sound-waves ; the special characteristics of Musical Sounds—the Physical Causes determining their *pitch*, *loudness*, and *quality* ; Standards of Pitch ; the more elaborate Phenomena of Compound Sounds ; the theoretical nature of the sounds of Musical Instruments of various kinds, including the human voice ; the principles of stretched strings ; the theoretical nature of Musical Intervals, and the Philosophical Modes of defining and representing them ; the theoretical values of the various intervals used in Music ; Musical Scales ; the Scales of various nations, and of the Greeks in particular ; the theoretical construction of the modern Scales ; the theory of Temperament, and its various practical applications ; the Greek and the Church Modes, and their relation to Modern Tonality ; the history of Measured Music ; the principles of Melodial Progression ; the phenomena attending the combinations of two



Sounds ; the various Theories proposed for the explanation of Consonance and Dissonance ; Beats ; Resultant or Combination Tones ; the History of Harmony and Counterpoint ; the theoretical nature of Chords generally, and in particular of the various Concords and Discords in ordinary use, also of Discords arising accidentally ; the theoretical principles governing Progressions in Harmony, especially those connected with Discords ; the theoretical principles determining the rules of Counterpoint ; the general distinction between Physical and Æsthetical or Artistic principles, as bearing on musical forms and rules.

*Second D.Mus. Examination.*

The second Examination takes place in the third week in December in each year. The fee is 5*l*. Every Candidate for this Examination shall be required to transmit to the Registrar, at least two calendar months before the commencement of the Examination, a Musical Exercise, clearly and legibly written in the proper clefs, of such length as to occupy from forty to sixty minutes in performance, and fulfilling the following conditions :—

- (a) It must be a Vocal Composition to any words the writer may select.
- (b) It must contain real eight-part Vocal Harmony with good eight-part Fugal Counterpoint.
- (c) It must also contain portions for one or more Solo voices.
- (d) It must have accompaniments for a full Orchestra, and must contain an instrumental Overture or Interlude, in the form of the first movement of a Classical Symphony or Sonata.

The Candidate will be required to make a solemn declaration that the Exercise is entirely his or her own unaided composition. If the Exercise be approved by the Examiners, the qualifications of the Candidate will be further tested by an examination in the following subjects :—Practical Harmony of the more advanced character ; Counterpoint in eight real parts, with canon, fugue, etc. ; form in Composition ; the treatment of Voices in Composition ; Instrumentation for full Orchestra ; a general acquaintance with the names and epochs of the greatest Musical Composers, and with the character of their works ; a critical knowledge, in some detail, of the great standard Classical Compositions. A certificate under the seal of the University, and signed by the Chancellor, shall be delivered at the public presentation for Degrees to each Candidate who has passed.

## ART, THEORY, AND HISTORY OF TEACHING.

An Examination shall be held once in each year in the Art, Theory, and History of Teaching, and shall commence on the first Tuesday in March. No Candidate shall be admitted to this Examination unless he shall have previously graduated in the University. The fee is 5*l*. Candidates shall be examined in the following subjects :—

I. *Mental and Moral Science in their relation to the Work of Teaching.*—Observation, and the training of the senses ; association ; memory ; reasoning ; imagination ; the will, and how to train it ; habit and character ; authority and discipline ; rewards and punishments ; the conduct of the understanding.

II. *Methods of Teaching and School Management.*—The structure, fitting, and furniture of school buildings ; sanitary conditions of effective teaching ; physical exercises, drill, and recreation ; books and apparatus ; registration of attendance and progress ; organization of schools ; classification of

scholars ; distribution of duty among assistants ; apportionment of time ; the co-ordination and division of studies ; examination, *viva voce* and in writing ; the use of oral lessons and of book work ; methods of teaching and of illustrating each of the subjects included in an ordinary school course ; preparation of teaching notes ; tests and records of results.

III. *The History of Education ; the Lives and Work of Eminent Teachers ; and the Systems of Instruction adopted in Foreign Countries.*—Under this head special books and subjects will be prescribed from year to year, and will be announced two years previously.

IV. *Practical Skill in Teaching and in the Management of a Class.*—A certificate, to be called the “Teacher’s Diploma,” under the seal of the University, and signed by the Chancellor, shall be delivered at the public presentation for Degrees to each Candidate who has passed.

## REGULATIONS FOR THE EXAMINATION AND INSPECTION OF SCHOOLS.

1. The University of London is prepared to receive applications for the inspection and examination of schools, other than primary, to be conducted under the direction of the Senate.

2. Applications should be made by the governing body of the school, if such school is under the management of Trustees or Governors ; or otherwise, by the Principal of the school. All such applications should be addressed to the Registrar of the University, Burlington Gardens, W.

3. Every application should be forwarded at least two months before the proposed time of Examination, and should specify :—

- (a) The number of classes in the school, and the number and average age of the scholars in each class.
- (b) The subjects of instruction, the text-books in use, and the degree of proficiency attained in each class.
- (c) The prizes or other distinctions, if any, which the Examiner is expected to award.
- (d) The extent to which the teachers of the school will be willing, if desired, to assist in the conduct of the Examination.
- (e) Any other particulars which, in the judgment of the authorities of the school, are of material importance for the information or guidance of the Examiner.

4. The Examination will, as nearly as possible, follow the course of the ordinary school-work, and will extend to the subjects usually taught in grammar and other secondary and high schools.

5. The Examiner will report—unless, for any reason approved by the Senate, the range of the Examination should be specially restricted—on the work of each class ; on the proficiency attained in respect to each subject of instruction ; and on the methods, discipline, and general condition of the school. His report will be in the first instance submitted to the Senate, by whom a copy will be communicated to the governing body or to the Head Master or Mistress.

6. It is required that if the authorities of the school print or publish the Report, it should be reproduced in full, and that a copy of such publication shall in every case be sent to the Registrar.

7. The fee charged will be 10*l.*, if the Examination occupies one Ex-

aminer only, and for not more than two days. But if the Examination should extend over more than two days, or should require the services of more than one Examiner, an additional fee for each Examiner at the rate of three pounds per diem will be required. The travelling and other expenses of the Examiners, and the cost of printing any examination-papers which may be needed, will also be defrayed by the authorities of the School.

8. In the case of very small schools, or of two or more neighbouring schools, the authorities of which may desire them to be examined together, the Senate will be prepared, on application, to consider any modification of these arrangements which may be deemed necessary or desirable.

9. The Senate will determine in each case, after communication with the authorities of the school, and having regard to the number of pupils and of subjects, what period should be allowed for the Examination, and what number of Examiners should be employed. The extent to which the Examination shall be conducted by printed papers or *vivâ voce* will also be determined by the Senate.

10. The day or days of Examination will be fixed by the Senate, as far as possible, in accordance with the wishes of the authorities of the school; but regard will also be had to the convenience of the Examiners in grouping neighbouring schools, and in adjusting their visits with a view to economy of time.

11. The Senate reserves the power to decline an application for Inspection or Examination in any case in which it may be deemed expedient to do so.

12. An annual statement will be inserted in the London University Calendar, showing the number and the names of the schools inspected or examined under the direction of the University during the preceding academical year.

## INSTITUTIONS FROM WHICH THE UNIVERSITY RECEIVES CERTIFICATES FOR DEGREES IN MEDICINE.

### ENGLAND.

*Bath*.—Bath United Hospital.

*Bedford*.—General Infirmary and Fever Hospital.

*Birmingham*.—Queen's College General Hospital.

Queen's Hospital.

*Bristol*.—Medical School Infirmary.

S. Peter's Hospital.

General Hospital.

*Cambridge*.—University Medical School and Addenbroke's Hospital.

*Exeter*.—Devon and Exeter Hospital.

*Haslar*.—The Royal Naval Hospital.

*Hull*.—Hull and East Riding of Yorkshire School of Medicine, &c.

*Leeds*.—School of Medicine General Infirmary.

*Leicester*.—Leicester Infirmary.

*Liverpool*.—Royal Infirmary School of Medicine.

Royal Infirmary Fever Hospital.

The Northern Hospital.

Royal Southern Hospital.

*London*.—University College.

King's College.

- London*.—London Hospital.  
 Middlesex Hospital.  
 Charing Cross Hospital.  
 S. Thomas's Hospital.  
 S. Bartholomew's Hospital.  
 Westminster Hospital.  
 Guy's Hospital.  
 S. George's Hospital.  
 The Physicians of the S. Marylebone Infirmary.  
 The Royal College of Chemistry.  
 S. Mary's Hospital Paddington.  
 Brompton Hospital for Consumption, for Three Months' Medical Hospital Practice.  
 Royal South London Dispensary.  
 Carey-street Dispensary.  
 S. Luke's Hospital. }  
 Bethlehem Royal Hospital. } For attendance at Lunatic Asylum.
- Manchester*.—The Owens (Manchester Royal) School of Medicine.  
 The Union Hospital.  
 Royal Infirmary.
- Netley*.—Royal Victoria Hospital.
- Newcastle-upon-Tyne*.—College of Medicine in connection with the University of Durham.  
 College of Medicine and Practical Science.  
 The Infirmary.  
 Borough Lunatic Asylum (for attendance at Lunatic Asylum).
- Northampton*.—The General Infirmary.
- Norwich*.—Norfolk and Norwich Hospital.
- Nottingham*.—The General Hospital.
- Sheffield*.—The Sheffield Medical Institution.

## SCOTLAND.

- Aberdeen*.—King's College and University Royal Infirmary.
- Edinburgh*.—University of Edinburgh.  
 Medical and Surgical School.  
 Surgeon's Hall Royal Infirmary.
- Glasgow*.—University of Glasgow.  
 Andersonian Institution.  
 Royal Infirmary.

## IRELAND.

*The Queen's Colleges in Ireland.*

- Belfast*.—Belfast General Hospital.
- Cork*.—Cork North Infirmary and South Infirmary in conjunction.
- Dublin*.—The Ledwich School of Surgery and Medicine (formerly the original School of Anatomy, &c.), Peter-street.  
 School of Physic in Ireland.  
 School of Medicine of the Catholic University.  
 Carmichael School of Anatomy, &c.  
 S. Vincent's Hospital.  
 Mercer's Hospital.  
 Jarvis-street Hospital.

Royal College of Surgeons in Ireland.  
 Meath Hospital.  
 City of Dublin Hospital.  
 Coombe Lying-in Hospital.  
 Doctor Steeven's Hospital.  
 Adelaide Hospital.  
 Mater Misericordiæ Hospital.  
 Sir Patrick Dun's Hospital.

*Maryborough.*—Queen's County Infirmary.

*Malta.*—The University of Malta.

*Ceylon.*—The Military Hospital in the Island of Ceylon.

*Bengal.*—The Medical College of Bengal.

*Canada.*—The University of McGill College, Montreal.

The S. Lawrence School of Medicine, Montreal.

*Bombay.*—Grant Medical College.

*Madras.*—The Medical College of Madras.

#### SCHOLARSHIPS, EXHIBITIONS, AND PRIZES OF BOOKS, PHILOSOPHICAL INSTRUMENTS, OR MONEY.

*At LL.B. Degree :—*

|                                          |     |     |     |                     |
|------------------------------------------|-----|-----|-----|---------------------|
| Law Scholarship of 50 <i>l.</i> per ann. | ... | ... | ... | tenable for 2 years |
|------------------------------------------|-----|-----|-----|---------------------|

*At M.B. Degree :—*

|                                                  |     |     |     |     |
|--------------------------------------------------|-----|-----|-----|-----|
| Scholarship in Medicine of 50 <i>l.</i> per ann. | ... | ... | ... | 2 " |
| „ Midwifery of 30 <i>l.</i> per ann.             | ... | ... | ... | 2 " |
| „ Forensic Medicine of 30 <i>l.</i> per ann.     | ... | ... | ... | 2 " |

*At B.A. Degree :—*

|                                             |     |     |     |     |
|---------------------------------------------|-----|-----|-----|-----|
| Scholarship in Classics of 50 <i>l.</i> ... | ... | ... | ... | 3 " |
|---------------------------------------------|-----|-----|-----|-----|

*At B.S. Examination :—*

|                                                 |     |     |     |     |
|-------------------------------------------------|-----|-----|-----|-----|
| Scholarship in Surgery of 50 <i>l.</i> per ann. | ... | ... | ... | 2 " |
|-------------------------------------------------|-----|-----|-----|-----|

*At B.Sc. Degree :—*

|                                                     |     |     |     |     |
|-----------------------------------------------------|-----|-----|-----|-----|
| Scholarship in Botany of 50 <i>l.</i> per ann.      | ... | ... | ... | 3 " |
| „ Chemistry of 50 <i>l.</i> per ann.                | ... | ... | ... | 2 " |
| „ Zoology of 50 <i>l.</i> per ann.                  | ... | ... | ... | 2 " |
| „ Geology and Paleontology of 50 <i>l.</i> per ann. | ... | ... | ... | 2 " |

*At B.A. and Sc. Degrees conjointly :—*

|                                                                               |     |     |     |     |
|-------------------------------------------------------------------------------|-----|-----|-----|-----|
| Scholarship in Mathematics and Natural Philosophy of 50 <i>l.</i><br>per ann. | ... | ... | ... | 3 " |
| „ Logic and Moral Philosophy of 50 <i>l.</i> per ann.                         | ... | ... | ... | 3 " |

*At First LL.B. Examination :—*

|                                        |     |     |     |     |
|----------------------------------------|-----|-----|-----|-----|
| An Exhibition of 40 <i>l.</i> per ann. | ... | ... | ... | 2 " |
|----------------------------------------|-----|-----|-----|-----|

*At First M.B. Examination :—*

|                                                                                                   |     |     |     |
|---------------------------------------------------------------------------------------------------|-----|-----|-----|
| An Exhibition in Anatomy of 40 <i>l.</i> per ann.                                                 | ... | ... | 2 " |
| „ Physiology, Histology, and Comparative<br>Anatomy, of 40 <i>l.</i> per ann.                     | ... | ... | 2 " |
| „ Organic Chemistry, Materia Medica, and<br>Pharmaceutical Chemistry, of 40 <i>l.</i> per<br>ann. | ... | ... | 2 " |



*At First B.A. Examination :—*

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| An Exhibition in Latin of 40 <i>l.</i> per ann. ... .. | tenable for 2 years. |
| „ English of 30 <i>l.</i> per ann. ... ..              | „ 2 „                |

*At First B.A. and First B.Sc. Examination conjointly :—*

|                                                                                        |     |
|----------------------------------------------------------------------------------------|-----|
| An Exhibition in Mathematics and Mechanical Philosophy of 40 <i>l.</i> per ann. ... .. | 2 „ |
|----------------------------------------------------------------------------------------|-----|

*At Preliminary Scientific M.B. Examination and**First B.Sc. Examination conjointly :—*

|                                                                                   |     |
|-----------------------------------------------------------------------------------|-----|
| An Exhibition in Chemistry and Natural Philosophy of 40 <i>l.</i> per ann. ... .. | 2 „ |
| „ Biology of 40 <i>l.</i> per ann. ... ..                                         | 2 „ |

*At each Matriculation Examination :—*

|                                                                              |     |
|------------------------------------------------------------------------------|-----|
| An Exhibition to First Candidate in Honours, of 30 <i>l.</i> per ann. ... .. | 2 „ |
| „ Second Candidate in Honours, of 20 <i>l.</i> per ann. ... ..               | 2 „ |
| „ Third Candidate in Honours, of 15 <i>l.</i> per ann. ... ..                | 2 „ |

Numerous Prizes and Gold Medals, varying in value from 30*l.* to 5*l.*, are also given.

## FEES.

|                                |                            |                           |
|--------------------------------|----------------------------|---------------------------|
| For Matriculation, 2 <i>l.</i> | For B.Sc. ... 10 <i>l.</i> | For M.B. ... 10 <i>l.</i> |
| „ B.A. ... 10 <i>l.</i>        | „ D.Sc. ... 10 <i>l.</i>   | „ B.S. ... 5 <i>l.</i>    |
| „ M.A. ... 10 <i>l.</i>        | „ LL.B. ... 10 <i>l.</i>   | „ M.S. ... 5 <i>l.</i>    |
| „ D.Lit. ... 20 <i>l.</i>      | „ LL.D. ... 10 <i>l.</i>   | „ M.D. ... 10 <i>l.</i>   |

## GILCHRIST'S SCHOLARSHIPS, EXHIBITIONS, AND PRIZES.

## 1. BRITISH SCHOLARSHIPS.

(A) *For Male Candidates.*

(1) A Scholarship of the value of 50*l.* per annum, and tenable for three years, is annually awarded to the Candidate from the Royal Medical College, Epsom.

(2) A similar amount is annually offered to Candidates intending to pursue, at Owens College, Manchester, their studies for graduation in one of the Faculties of the University of London.

(3) A Scholarship of 50*l.* per annum, tenable for three years, is also annually awarded to that Candidate in the Honour Division at the June Matriculation Examination, who shall stand highest of the Candidates previously approved by the University College, Bristol, and who intends to study at that College, with a view to graduation in one of the Faculties of the University of London. This Scholarship is also open to women.

(B) *For Female Candidates.*

(1) Two Exhibitions, one of 40*l.* and one of 30*l.*, tenable for two years, to two Candidates of not more than twenty years of age, to assist them in pursuing their studies at some Collegiate Institution approved by the Gilchrist Trustees.

(2) Two similar Exhibitions to the above.

(3) A gold medal of the value of 20*l.* to the Candidate who passes highest at the B.A. Examination.

(c) *Indian Scholarships.*

Two Scholarships, each of the value of 100*l.* per annum, and tenable for four years, are annually awarded to the two native Candidates who pass highest in the January Matriculation Examination carried on at Calcutta, Bombay, and Madras. Must not be more than twenty-two years of age, and are desirous of studying either at the University of Edinburgh or at University College, London, with a view to graduation in one of the Faculties of the University of London.

(d) *Colonial Scholarships.*

(1) A Scholarship of the value of 100*l.* per annum, and tenable for three years, is annually awarded to the Dominion of Canada, under the same conditions as the Indian Scholarships.

(2) A similar Scholarship to the West India Colonies.

(3) A similar Scholarship to Hobart Town, Tasmania.

(4) A similar Scholarship to New Zealand.

(5) A Scholarship of the same value is biennially awarded to the Bachelor of Arts of the University of Sydney under similar conditions.

Every Candidate for a Colonial Scholarship must either be a native of the Colony, or have resided therein for the period of five years.

Full particulars of all these Scholarships may be obtained on application to the Secretary to the Gilchrist Educational Trust, 4, Broad Sanctuary, Westminster, S.W.

# INSTITUTIONS IN CONNEXION WITH THE UNIVERSITY AS TO DEGREES IN ARTS AND LAWS.

|                                                       |                                                            |
|-------------------------------------------------------|------------------------------------------------------------|
| The Universities of the United Kingdom.               | Protestant Dissenters' College at Rotherham.               |
| The University of Sydney.                             | Presbyterian College at Carmarthen.                        |
| The University of Toronto.                            | Huddersfield College.                                      |
| University College, London.                           | Lancashire Independent College.                            |
| King's College, London.                               | Wesley College, near Sheffield.                            |
| The Queen's Colleges in Ireland.                      | Queen's College, Birmingham.                               |
| S. Cuthbert's College, Ushaw.                         | Wesleyan Collegiate Institution at Taunton.                |
| Stonyhurst College.                                   | Western College, Plymouth.                                 |
| Manchester New College.                               | West of England Dissenters' Proprietary School, Taunton.   |
| S. Mary's College, Oscott.                            | S. Patrick's College, Thurles.                             |
| S. Patrick's College, Carlow.                         | New College, London.                                       |
| S. Edmund's College, near Ware.                       | Owens College, Manchester.                                 |
| Spring Hill College, Mosely, near Birmingham.         | Bedford Grammar Schools.                                   |
| The College, Regent's Park (late Stepney College).    | Brecon Independent College.                                |
| College of S. Gregory the Great, Downside, near Bath. | Rawdon College, near Leeds (late Horton College Bradford). |
| Countess of Huntingdon's College at Cheshunt.         | Hackney Theological Seminary.                              |
| Baptist College at Bristol.                           | Trevecca College, Breconshire.                             |
| Airedale College, Undercliffe, near Bradford.         | Bishop Stortford Collegiate School.                        |
| S. Kyran's College, Kilkenny.                         | Working Men's College, London.                             |
|                                                       | Queen's College, Liverpool.                                |

## LIST OF OFFICERS.

VISITOR.—THE QUEEN.

*Chancellor.*—Right Hon. Earl Granville, K.G., D.C.L., F.R.S.*Vice-Chancellor.*—Sir James Paget,

## SENATE.

Duke of Devonshire, K.G., LL.D.,  
F.R.S.Rt. Hon. Earl of Derby, D.C.L.,  
F.R.S.

Rt. Hon. Earl of Kimberley, M.A.

Rt. Hon. Viscount Cardwell, D.C.L.,  
M.A.

Viscount Sherbrook, D.C.L.

Lord Rayleigh, M.A., F.R.S.

The Very Rev. the Dean of Windsor.

The Rev. Cannon Barry, D.D.

Lord Acton.

Sir G. Burrows, Bart., D.C.L., M.D.,  
F.R.S.

Geo. Buchanan, M.D.

Geo. Busk, F.R.S.

J. G. Fitch, M.A.

R. N. Fowler, M.A., M.P.

Sir Julian Goldsmid, M.A.

Rt. Hon. G. J. Goschen, M.P.

Sir W. W. Gull, Bart., M.D., D.C.L.,  
F.R.S.

J. Heywood, M.A., F.R.S.

Sir J. D. Hooker, K.C.S.I., M.D.,  
LL.D. C.B., Pres. R.S.

R. Holt Hutton, M.A., LL.D.

Sir W. Jenner, Bt., K.C.B., M.D.

G. Johnson, M.D., F.R.S.

W. B. Carpenter, C.B., M.D.

P. A. Hirst, Ph.D.

Sir John Lubbock, M.P., D.C.L.

Sir Henry Sumner Maine, K.C.S.I.

T. S. Osler, LL.B.

Sir J. Paget, Bt., M.D., D.C.L.,  
F.R.S.

W. Shaen, M.A.

R. Quain, M.D., F.R.S.

Lord Arthur Russell, M.P.

W. Smith, LL.D., D.C.L.

Wm. Spottiswoode, LL.D., F.R.S.

J. Storrar, M.D.

Alex. W. Williamson, Ph.D., F.R.S.

F. J. Wood, LL.D.

*Representative in Parliament.*—Sir John Lubbock, D.C.L., F.R.S.*Representative on the Medical Council.*—J. Storrar, M.D.*Registrar and Librarian.*—Arthur Milman, M.A.*Assist. do.*—F. V. Dickins, M.B., B.Sc.*Clerk to the Senate.*—Thos. Le M. Douse, B.A.*Chairman of Convocation.*—John Storrar, M.D.*Clerk of Convocation.*—H. E. Allen, LL.B.*Publishers to the University.*—Taylor & Francis, Red Lion-ct., Fleet-st., E.C.

## EXAMINERS.

*Anatomy.*—Prof. H. G. Howse, M.S.M.B., and Prof. Redfern, M.D.*Botany and Vegetable Physiology.*—W. T. Thistleton Dyer, M.A., and Sydney  
H. Vines, D.S.C., M.A.*Chemistry.*—Prof. Dewar, M.A., F.R.S., and Prof. T. E. Thorpe, Ph.D.*Classics.*—J. S. Reid, M.A., and Dr. Leonard Schmitz.*Comparative Anatomy and Zoology.*—Prof. A. M. Marshall, D.Sc., and A.  
Macalister, M.D.*English Language, Literature, and History.*—Prof. H. Morley, LL.D., and  
Prof. J. W. Hales, M.A.*Experimental Philosophy.*—Prof. W. G. Adams, M.A., F.R.S., and W.  
Garnett, M.A.*Forensic Medicine.*—Prof. G. V. Poore M.D., and Prof. A. J. Pepper, M.A.*French Language.*—B. P. Buisson, M.A., and Prof. Cassall, LL.D.

- Geology and Paleontology*.—P. M. Duncan, M.B., and R. D. Roberts, D.Sc.  
*German*.—Prof. Althaus, Ph.D., and Rev. C. Schoell, Ph.D.  
*Hebrew Text of the Old Testament, Greek Text of the New Testament, Evidence of Christian Religion and Scripture History*.—Prof. Stanley Leathes, D.D., and Rev. W. F. Moulton, D.D.  
*Jurisprudence, Roman Law, and Principles of Legislation and International Law*.—Prof. W. A. Hunter, M.A., and T. Warraker, LL.D.  
*Equity and Real Property Law*.—W. H. G. Bagshaw, B.A., Q.C., and P. W. Bunting.  
*Common Law and Law and Principles of Evidence*.—James Anstie, B.A., and F. A. Philbrick, B.A., Q.C.  
*Constitutional History of England*.—Rev. H. B. George, M.A., and Oscar Browning, M.A.  
*Materia Medica, &c.*—Prof. E. B. Baxter, M.D., and Prof. F. T. Roberts, M.D.  
*Mathematics and Natural Philosophy*.—Dr. Hopkinson, M.A., F.R.S., and B. Williamson, M.A., F.R.S.  
*Mental and Moral Science*.—James Sully, M.A., and James Ward, M.A.  
*Medicine*.—W. H. Dickenson, M.D., and Dr. C. Hilton Fagge, of Guys Hospital.  
*Obstetric Medicine*.—J. M. Duncan, M.D., LL.D., and Henry Jervis, M.D.  
*Physiology*.—Prof. Gamgee, M.D., and P. H. Pye-Smith, M.D.  
*Political Economy*.—Prof. H. S. Foxwell, M.A., and Prof. Bonamy Price, LL.D.  
*Surgery*.—Sir W. MacCormac, M.C.H., M.A., and Prof. John Wood, F.R.S.  
*Sanitary Law and Engineering, Meteorology and Geology*.—Prof. T. R. Fraser, M.D., F.R.S., and Captain Douglas Galton, C.B., F.R.S.

#### ASSISTANT EXAMINERS.

- Classics*.—Rev. W. Field, M.A., Prof. A. S. Wilkins, LL.D., and the Rev. J. Abbott-Temple, M.A.  
*English*.—W. H. B. Brewer, M.A. and Rev. C. U. Dasent, M.A.  
*French*.—George Mellotte, M.A., and F. Thomas, B.A.  
*Mathematics and Natural Philosophy*.—W. M. Coates, B.A., and Thomas Savage, M.A.  
*Chemistry*.—Walter Flight, D.Sc., and Vivian B. Lewes.  
*Experimental Philosophy*.—W. T. Goolden, B.A., and S. Lavington Hart, D.Sc.

The following alterations in the regulations have occurred :—

*Matriculation*.—Sanskrit and Arabic are now added to the languages among which an option is given: the fee for the first entry to this Examination will be, as heretofore, 2*l.*, but at every entry subsequent to the first an additional fee of 1*l.* will henceforth be charged.

*Second B.A.*—It has been found requisite in order to prevent the exclusion of Jewish Candidates to retain the former date (the fourth Monday in October) for the commencement of this Examination.

*The Preliminary Scientific (M.B.)*.—The new regulations with regard to practical work at the Pass Examination announced in the University Calendar for 1877 came into force in 1878.

*The First M.B.*—Comparative Anatomy is now omitted from the subjects of this Examination, and Histology is specified as a subject of the written (pass) as well as of the practical Examination.

*Subjects relating to Public Health.*—The programme of this Examination has been revised, with a more detailed indication of its subjects.

*Degrees in Music.*—The regulations relating to these Degrees now first to be conferred by the University, are given *in extenso* in the University Calendar for 1878. The Examinations take place in December, and the Degrees conferred are First B. Mus., the fee being 5*l.*; the Second B. Mus., the fee is also 5*l.*; Doctor of Music (D. Mus.), fee 5*l.*; Second D. Mus., also 5*l.* A Certificate under the seal of the University, and signed by the Chancellor, shall be delivered at the public presentation for Degrees to each Candidate who has passed.

FINAL SETTLEMENT OF THE QUESTION AS TO THE OPENING OF THE DOORS OF THE UNIVERSITY TO WOMEN.—At the annual meeting of the Convocation of the University of London, held at the University Building, Burlington Gardens, under the presidency of Dr. Storror, Dr. Carpenter laid on the table the new Supplemental Charter, dated 14th of May, 1878. It appears that Convocation decided to co-operate with the Senate in applying for a supplemental charter enabling the University to grant Degrees in all faculties to women, and to confer such Degrees upon those who might pass the examination, and that charter had now been received. The University of London is the first in Great Britain to open its doors to all comers, irrespective of sex. Another important step taken by the University during the past year is the granting of Degrees in Music. There is a steady increase in the number of candidates who came up at the recent examinations. In the first five years the average was 140 per year, in the second 200, in the third 350, in the fourth 400, in the fifth 700, in the sixth 1,100, in the seventh 1,500, while last year they amounted to no fewer than 2,123. During the year 24 candidates had passed the examination for women—seven in Honours, and in June, 1883, there were upwards of twenty ladies' names in the list of successful candidates, sixteen received the certificate of Bachelor of Arts, and twenty-four took Honours in various subjects.

In reference to the New Charter granted to the University, an address to the Senate and Convocation, signed by 1,960 ladies, was presented to Earl Granville on Feb. 13th, 1878.

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## SCOTLAND.

## INTRODUCTORY.

The four Universities in Scotland are S. Andrew's, Edinburgh, Aberdeen, and Glasgow, and in the year 1858 they were reorganised and assimilated, and by the University Act of that year provision was made for the better government and discipline of the Universities of Scotland by improving and regulating the course of study therein; and now the four Universities are governed under a nearly uniform constitution, each being now under three internal bodies, called respectively, the General Council of the University, the University Court, and the Senatus Academicus.

The official heads of each University are the Chancellor, chosen for life by the General Council; the Rector, chosen every three years by the Matriculated Students; and the Principal or resident Head of the University, who is President of the Senatus.

The General Council consists of the Chancellor, who is President of the Council; the Rector, who is President of the University Court; the Principal and Professors and the Graduates of the University. In the absence of the Chancellor, the Rector presides, and failing him, the Senior Professor.

The University Court is a court of appeal from the Senatus, and consists of the Rector, Principal, and Assessors. In Edinburgh the Lord Provost of the City and an Assessor nominated by the Town Council are additional members, and a Dean of Faculties is an extra representative of the Senatus in Glasgow.

The Senatus Academicus consists of the Principal and Professors, who are entrusted with the control of the teaching and discipline, and, subject to the supervision of the University Court, with the administration of the revenues and property of the University. The four Universities return two members to Parliament, Edinburgh and St. Andrew's being represented by one and Glasgow and Aberdeen by the other.

The annual grant has now been increased to 40,000*l*.

The endowments of each University, which are considerable, are applied in the form of prizes, bursaries, scholarships, and fellowships. Edinburgh and Glasgow possess a great number, and there are many bursaries in Aberdeen University.

The Scholarships and Fellowships are chiefly for those who have passed the examination necessary for the degree of Master of Arts and the following are open to all the Scotch Universities:—1. The Ferguson Scholarships, founded in 1860 by John Ferguson, of Cairnbrock; they are six in number, of the value of 80*l*. each per annum, tenable for two years; three are offered every year. 2. Shaw Fellowship in Mental Philosophy, founded in 1867 in memory of Sir James Shaw, Bart.; it is of the annual value of 170*l*., and is tenable for five years. The present fellow was elected in 1878. 3. Gunning Theological Scholarship and Fellowship, founded by Dr. Gunning, of Rio de Janeiro, and intended to encourage the study of theology for the ministry of the Church of Scotland, or Free Church, and the study of the natural sciences among Students of Theology. There are three Scholarships of the annual value of 50*l*., 30*l*., and 20*l*. each, tenable for three years. These Scholarships were awarded for the first time in 1880. The Fellowship, of the annual value of 100*l*., open to Theological Students, will be awarded in 1883.

## THE UNIVERSITY OF S. ANDREW'S.

This, the oldest University in Scotland, was founded in 1411. The course of study necessary for the Degree of Master of Arts extends over 4 Winter Sessions, and includes attendance for not less than 2 Sessions on the Classes of Humanity, Greek, and Mathematics respectively; and attendance for not less than one Session on the Classes of Logic, Moral Philosophy, and Natural Philosophy, respectively; and also attendance on a course of English Literature (Rhetoric). But any Student who, at the time of his entrance to the University, can satisfy the Professors of the Faculty of Arts, on examination, that he is qualified to attend the other Classes of Latin, Greek, or Mathematics, or any one of them, may be admitted to such higher Class or Classes, without having previously attended the first or Junior Class or Classes in the same department. And when any Student has been thus admitted to the higher Classes both of Latin and Greek, without having previously attended the first or Junior Latin and Greek Classes, his course of study for the Degree of Master of Arts may be completed within 3 Winter Sessions instead of 4.

The Degree of B.A. is not conferred.

The fees of M.A. Examination are Three Guineas.

The Degree of Doctor of Medicine may be conferred by the University of *S. Andrew's* on any registered Medical Practitioner above the age of 40 years, whose professional position and experience are such as, in the estimation of the University, to entitle him to that Degree, and who shall, on examination, satisfy the Medical Examiners of the sufficiency of his professional knowledge: Provided always, that Degrees shall not be conferred under this section to a greater number than 10 in any one year. On or before the 25th day of March in each year, candidates lodge with the Registrar of the University the following certificates:—A certificate of *age*. Certificates from three medical men, of such acknowledged reputation in the profession, or of such standing in the medical schools, as shall satisfy the Senatus of the *professional position* and *experience* of the candidate. A certain portion (*viz.*, 10*l.* 10*s.*) of the Graduation Fees, 52*l.* 10*s.*, is forfeited should the candidate fail to appear at the time appointed for examination, or should he fail to pass the prescribed Examination, which is conducted both in writing and *vivâ voce*, in *Materia Medica* and General Therapeutics, Medical Jurisprudence, Practice of Medicine and Pathology, Surgery, and Midwifery. A minute knowledge, however, is not required from those who do not practise these branches of the profession.

The Session lasts in the United College from first Friday of November to last Friday of April; in *S. Mary's* College, from end of November to end of March. About 180 Students.

## UNIVERSITY ENDOWMENTS.

The number of Bursaries attached to the United College is 74, varying in value from 5*l.* to 30*l.* per annum. The endowments for Special Prizes yield annually about 114*l.*

The number of Bursaries belonging to *S. Mary's* College is 20, in value from 6*l.* to 30*l.* per annum. There are also 18 Bursaries of the same value, transferable from the United College, when the Bursars proceed to the study of Divinity. In this College there are two Prizes of 10*l.* each, and a Testimonial of 21*l.*, open to competition in each Session.

There are 5 Scholarships in the University : 2 of the annual value of 50*l.* each, tenable for 4 years ; 2 of the annual value of 50*l.* each, tenable for 2 years ; and one tenable for 4 years—value for the first year 100*l.*, and 50*l.* for each of the 3 following years.

The proceeds available for Bursaries, Prizes, and Scholarships in the University amount annually to above 2,000*l.*

#### UNIVERSITY SCHOLARSHIPS.

**RAMSAY SCHOLARSHIPS.**—There are 2 Scholarships on this foundation, of the annual value of not less than 50*l.* each, tenable for 4 years. Each Scholarship is awarded after competitive examination in the several branches of study on which attendance is required of Students proceeding to the Degree of M.A. ; and all persons who have obtained the said Degree in the University in the year in which the competition takes place, or in the year preceding, are admissible to the competition. One Scholarship falls vacant in every alternate year. No person can hold either of these Scholarships along with any other Scholarship, Fellowship, or Bursary of any Scottish University. The examination for each of the said Scholarships is to be conducted by the Principal of the United College, and by the Professors on whose Classes attendance is required of Students proceeding to the Degree of M.A.

**GUTHRIE SCHOLARSHIP.**—Founded in 1864. This Scholarship is open for competition to all Students who have completed 2 regular Sessions at the United College, and whose age did not exceed 19 years on the 30th of November preceding the election. It is tenable for 4 years—value, 100*l.* for the first year, and 50*l.* for each of the 3 following years. The Guthrie Scholar is to continue his education at Oxford or Cambridge, or (with the consent of the Trustees) at some foreign University. If, after 2 years of general study, he desires to commence the professional study of Divinity, Law, or Medicine, in a Scottish University, he may do so with the sanction of the Trustees.

**BRUCE AND FALKLAND SCHOLARSHIPS.**—Two Scholarships of the annual value of 50*l.* each, founded in 1865, are to be held only by Students who have passed their examinations for the Degree of M.A. in the Session previous to the bestowal of the Scholarships, and are conferred on any Masters of Arts who may have passed with Honours, or in such creditable manner as the Senatus may deem to render them deserving of the Scholarships ; and who are not above the age of 23 years when they have passed all the examinations for their Degree. The Scholarships are tenable for 2 years, during which the Scholars, if Students of Divinity, must attend S. Mary's College ; but if they be Students "in the Departments of Literature and Science, Law or Medicine," the Scholars may prosecute the same in the University of Edinburgh. It is not competent for any person to hold one of the said Scholarships along with any other Scholarship or Fellowship of any Scottish University, or with any situation or appointment yielding to him an annual income of 50*l.* or upwards.

The Senatus now grants higher women's certificates and titles of LL.A. The standard of this examination is the same for Pass and Honours as that of S. Andrew's M.A. degree in the same subjects, and is held at several centres—some in England. Women are granted a full and systematic course of university instruction. 175 candidates presented themselves in 1881, and 33 passed.

## UNIVERSITY OFFICERS.

|                                                                                                | Appointed |
|------------------------------------------------------------------------------------------------|-----------|
| <i>Chancellor</i> .—His Grace the Duke of Argyll, K.T., LL.D. ...                              | 1851      |
| <i>Vice-Chancellor</i> .—The Very Rev. John Tulloch, D.D., LL.D. ...                           | 1861      |
| <i>Lord-Rector</i> .—Sir Theodore Martin, K.C.B. ... ..                                        | 1880      |
| <i>Senior Principal</i> .—The very Rev. John Tulloch, D.D. ... ..                              | 1859      |
| <i>Deans of Faculty</i> .—P. R. Scott Lang, M.A., Professor Campbell, and John Skelton, Esq.   |           |
| <i>Representative in Parliament</i> .—The Right Hon. Lyon Playfair, C.B., LL.D., F.R.S. ... .. | 1868      |

## UNIVERSITY COURT.

|                                             |      |
|---------------------------------------------|------|
| The Lord Rector, <i>President</i> ... ..    | 1880 |
| The Senior Principal... ..                  | 1859 |
| B. W. Richardson, M.A., M.D., London ... .. | 1875 |

## S. MARY'S COLLEGE.

## SENATUS ACADEMICUS.

Appointed.

|                                                                                     |      |
|-------------------------------------------------------------------------------------|------|
| John Tulloch, D.D., Principal and Primarius Professor of Divinity, President ... .. | 1854 |
|-------------------------------------------------------------------------------------|------|

*The United College of SS. Salvador and Leonard.*

|                                                                                               |      |
|-----------------------------------------------------------------------------------------------|------|
| Professor John Campbell Shairp, LL.D., Vice-President, Principal                              | 1868 |
| P. R. Scott Lang, M.A., Professor of Mathematics ... ..                                       | 1879 |
| Alexander F. Mitchell, D.D., Professor of Divinity and Ecclesiastical History... ..           | 1848 |
| W. C. McIntosh, M.D., Professor of Civil and Natural History...                               | 1881 |
| Arthur S. Butler, M.A., Professor of Natural Philosophy ... ..                                | 1879 |
| M. Forster Heddle, M.D., Professor of Chemistry ... ..                                        | 1862 |
| J. Bell Pettigrew, M.D., F.R.S., Professor of Medicine ... ..                                 | 1875 |
| The Rev. Lewis Campbell, M.A., LL.D., Professor of Greek ... ..                               | 1863 |
| Thomas Spencer Baynes, LL.B., Professor of English Literature                                 | 1864 |
| The Rev. William A. Knight, LL.D., Professor of Moral Philosophy and Political Economy ... .. | 1876 |
| Frederick Crombie, D.D., Professor of Divinity and Biblical Criticism ... ..                  | 1877 |
| The Rev. John Birrell, D.D., Professor of Hebrew and Oriental Languages ... ..                | 1878 |

## EXAMINERS FOR DEGREES.

*In the Faculty of Arts.*

|                                                                                                                |      |
|----------------------------------------------------------------------------------------------------------------|------|
| The Rev. A. Roberts, D.D., Professor of Humanity... ..                                                         | 1871 |
| The Professors of Humanity, Greek, Mathematics, Logic, and Rhetoric, Moral Philosophy, and Natural Philosophy. |      |
| Adam Wilson, M.A., Examiner in Classical Literature.                                                           |      |
| David Pryde, M.A., LL.D., Examiner in Philosophy.                                                              |      |
| W. L. Mollison, M.A., B.A., Examiner in Mathematics.                                                           |      |
| J. D. M. Meiklejohn, Professor of Education.                                                                   |      |
| Thos. S. Baynes, LL.D., Professor of Logic.                                                                    |      |

*In the Faculty of Medicine.*

The Professors of the Faculty of Medicine.

George W. Balfour, M.D., Examiner in Practice of Medicine.

Patrick H. Watson, M.D., Examiner in Surgery.

Henry D. Littlejohn, M.D., Examiner in Materia Medica and Medical Jurisprudence.

Alexander Keiller, M.D., Examiner in Midwifery.

*In the Faculty of Theology, for Degree of Bachelor of Divinity.*

The Professors of the Faculty of Theology, and Professors Baynes and Knight from the Faculty of Arts.

*Librarian, Registrar, Quæstor, and Secretary.*—J. Maitland Anderson.

*Clerks of University.*—H. A. Nicholson and J. M. D. Meiklejohn.

*Janitor of the United College.*—Alexander P. Hodge.

*Janitor of S. Mary's College.*—David Hutchison.

*Sub-Librarian and Secretary.*—J. M. Anderson.

*Secretary and Factor.*—Stuart Grace.

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## THE UNIVERSITY OF EDINBURGH,

Founded 1582, under a Royal Charter granted by James VI., is a Corporation governed by its Senate (whose decisions may, however, be reviewed by the University Court), and possessing a Chancellor elected for life ; a Vice-Chancellor, nominated by the Chancellor ; a Rector, elected triennially ; a Principal, who is the resident Head of the College ; and numerous Professors. This University has the largest number of Students of any University in the United Kingdom, and it is admitted to be the most important and the largest of all the Schools of Medicine in the Kingdom, whether University or Hospital Schools. The number of Matriculated Students in 1881 was 3,160, and the attendance this year is higher than it has ever been in the whole past history of the University. The University is divided into four Faculties—Arts, Theology, Law, and Medicine ; the affairs of each of which are presided over by a Dean, elected from among the Professors. The ordinary academical curriculum in Arts, with a view to a Degree, extends over 4 Winter Sessions ; but 3 Winter Sessions are sufficient for Students who satisfy the Examiners, at their Entrance Examination, that they are qualified for admission to the higher classes of Latin and Greek. The academical year is divided into 2 Sessions, whereof the Summer Session opens in the beginning of May, and ends in July, and the Winter opens in the beginning of November, and ends with April. For each of these Sessions, Class Fees of three, four, and five guineas each, are payable by every Student ; the Matriculation Fee of 1*l.* should previously have been paid. Students must pass an Examination in seven subjects ; namely, Latin, Greek, Mathematics, Logic and Metaphysics, Moral Philosophy, Natural Philosophy and Rhetoric, and English Literature, but they need not be examined upon all at any one Examination for Degrees. There are above 100 Bursaries, varying in value from 5*l.* to 100*l.*, tenable by undergraduates 1 to 4 years ; 22



Scholarships of 60*l.* to 120*l.*, tenable 1 to 4 years; and 4 Fellowships of 100*l.* to 170*l.*, tenable 3 or 4 years after graduation by Students in the Faculty of Arts. In the Faculty of Theology every Student must be enrolled 4 Sessions, and attend not less than 3. The fee for each Class in Theology is 2 guineas the Session. There are 9 Presentation Bursaries in this Faculty, worth from 8*l.* to 23*l.* each, tenable 1 to 4 years; 9 Competition Scholarships, worth from 7*l.* 10*s.* to 90*l.* per ann., tenable 3 years; and 2 Presentation Scholarships, of 16*l.* 13*s.* and 25*l.*, tenable 3 years. The Degrees of Bachelor and Doctor of Science are conferred, after Examination, upon Candidates who have attended Science Classes for at least 3 years. In the Faculty of Law there are 6 Chairs, upon all of which the Student wishing to take the Degree of Bachelor of Laws must attend; fees, three to five guineas. The Faculty of Medicine comprehends 12 chairs or classes, the fees for which are four guineas each. Three Medical Degrees are conferred by this University; viz., Bachelor of Medicine, M.B.; Master in Surgery, C.M.; and Doctor of Medicine, M.D.; but the second of these is not conferred upon any person who does not at the same time obtain the M.B. Degree, and none are qualified to be admitted to either Degree who have not passed one of four years of Medical and Surgical study in this University. The total minimum expenses for curriculum up to M.B. and C.M. Degree, and inclusive of all fees, is 104*l.* 18*s.*

#### REGULATIONS FOR UNIVERSITY CERTIFICATES IN ARTS FOR WOMEN.

I. Candidates, before they can receive certificates, must have studied in at least three of the classes of the "Edinburgh Association for the University Education of Women," that are recognised by the *Senatus Academicus*; and they must also have passed the Local Examinations either of the University of Edinburgh, of one of the other Scottish Universities, or of the Universities of Oxford or Cambridge.

II. Candidates who have passed any of the aforesaid Local Examinations may present themselves at the Edinburgh University Examinations for the Certificate in Arts, either in April or in October—in the subjects of any one or more, or of all of the classes attended by them. After they have passed in not less than three subjects, they are entitled to receive a University Certificate in Arts.

III. The classes at present sanctioned and approved by the University are the following:—*Department of Languages and Literature*—English Literature, Latin, Greek, Biblical Criticism; *Department of Philosophy*—Psychology and Logic, Moral Philosophy, Political Economy, Theory of Education, Fine Art; *Department of Mathematics and Physical Science*—Mathematics, Experimental Physics, Chemistry, Geology, Botany, Zoology and Physiology.

IV. The University Certificates in Arts for Women are of two grades—Pass Certificates and Honour Certificates.

V. Honour Certificates in Arts will be awarded to those Candidates who, having passed a satisfactory examination in at least three subjects, have, in a further and Special Examination for Honours, exhibited high proficiency in any one of these subjects.

VI. Candidates for the Local Examinations of the University, which are held in June, must send their names and addresses to the "Secretary of

the Local Examination Board, University, Edinburgh," before the 1st June in each year.

VII. Candidates for Ordinary and for Honour University Certificates in Arts must send their names and addresses, and the subjects in which they wish to be examined, to the Clerk of the University, together with proof that they have passed the Local Examinations—before the 15th March or the 1st October in each year.

VIII. The fee for the Local Examinations is one guinea, and that for the University Certificate in Arts two guineas—to be paid to the Clerk of the University. No additional fee is required for an Honour certificate.

Candidates who propose to present themselves at the Ordinary Examinations in October must intimate their names and addresses to the "Secretary of the Senatus, University of Edinburgh," before the 1st of October; and at either the Ordinary or the Honours Examinations in April, before the 15th of March—specifying the subject or subjects in which they offer themselves, and also the classes which they have attended, with the session in which they have done so. The fee should be sent to the Clerk when the Candidate announces her name.

Evidence of having passed the Local Examinations, and also certificates of the necessary attendance in the classes of the "Association for the University Education of Women" must be produced in the examination room when the Candidate appears to be examined.

#### UNIVERSITY OFFICERS.

|                                                                           | Elected. |
|---------------------------------------------------------------------------|----------|
| <i>Chancellor.</i> —Right Hon. John Inglis, LL.D., D.C.L. ... ..          | 1868     |
| <i>Vice-Chancellor and Principal.</i> —Sir Alexander Grant, Bart., LL.D.  | 1868     |
| <i>Lord Rector.</i> —The Right Hon. the Earl of Rosebery ... ..           | 1880     |
| <i>Representative in Parliament.</i> —Rt. Hon. Lyon Playfair, C.B., LL.D. | 1868     |

#### UNIVERSITY COURT.

*President.*—The Rector of the University.  
The Principal, the Lord Provost of Edinburgh, and five Assessors.  
*Secretary.*—John Christison, W.S., 40, Moray Place.

#### CURATORS.

Sir Alex. Grant, Bart.  
Archd. Campbell Swinton, LL.D.  
The Rt. Hon. T. J. Boyd, Lord Provost.  
A. S. Kinnear, Q.C., LL.D.  
Duncan Maclaren.  
James Colston.  
John Boyd.  
*Secretary.*—R. Bruce Johnston, W.S., 18, Royal Circus.

#### SENATUS ACADEMICUS.

*President.*—The Principal of the University.

#### PROFESSORS.

##### *Faculty of Theology.*

*Dean.*—Professor A. H. Charteris, D.D.

| Chairs.                                                                    | Professors. | Appointed. |
|----------------------------------------------------------------------------|-------------|------------|
| <i>Divinity.</i> —Robert Flint, D.D. ... ..                                |             | 1876       |
| <i>Hebrew.</i> —David L. Adams, M.A., B.D. ... ..                          |             | 1879       |
| <i>Divinity and Ecclesiastical History.</i> —Malcolm C. Taylor, D.D. ...   |             | 1877       |
| <i>Biblical Criticism and Biblical Antiquities.</i> —A. H. Charteris, D.D. |             | 1868       |

*Faculty of Law.*

Dean.—Professor James Muirhead.

| Chairs.                                                      | Professors | Appointed. |
|--------------------------------------------------------------|------------|------------|
| <i>Public Law.</i> —James Lorimer, M.A.                      | ... ..     | 1862       |
| <i>Civil Law.</i> —J. Muirhead, Advocate                     | ... ..     | 1862       |
| <i>Constitutional Law and History.</i> —J. Kirkpatrick, M.A. | ... ..     | 1881       |
| <i>Law of Scotland.</i> —Norman Macpherson, LL.D.            | ... ..     | 1865       |
| <i>Medical Jurisprudence and Police.</i> —D. MacLagan, M.D.  | ... ..     | 1862       |
| <i>Conveyancing.</i> —James Stuart Tytler, LL.D.             | ... ..     | 1866       |

*Faculty of Medicine.*

Dean.—Professor T. R. Fraser, M.D.

|                                                                     |                                       |             |
|---------------------------------------------------------------------|---------------------------------------|-------------|
| <i>Botany.</i> —Dr. Alex. Dickson                                   | ... ..                                | 1879        |
| <i>Institutes of Medicine.</i> —William Rutherford, M.D.            | ... ..                                | 1874        |
| <i>Anatomy.</i> —William Turner, M.B.                               | ... ..                                | 1867        |
| <i>Chemistry and Chemical Pharmacy.</i> —A. Crum Brown, M.D.        | ... ..                                | 1869        |
| <i>Midwif. and Dis. of Women and Children.</i> —A. R. Simpson, M.D. | ... ..                                | 1870        |
| <i>Clinical Medicine</i>                                            | { D. MacLagan, M.D.                   |             |
|                                                                     | { W. Sanders, M.D.                    |             |
|                                                                     | { T. Grainger Stewart, M.D.           |             |
|                                                                     | { W. S. Greenfield, M.D.              | ... .. 1881 |
|                                                                     | { A. R. Simpson on Diseases of Women. |             |
| <i>Practice of Physic.</i> —T. Grainger Stewart, M.D.               | ... ..                                | 1876        |
| <i>Natural History.</i> —E. Ray Lancaster, Esq., M.A.               | ... ..                                | 1882        |
| <i>Mat. Medi. and Therapeutics.</i> —Thomas R. Fraser, M.D.         | ... ..                                | 1877        |
| <i>Clinical Surgery.</i> —Thomas Annandale, M.D.                    | ... ..                                | 1877        |
| <i>Medical Jurisdiction and Police.</i> —D. MacLagan, M.D.          | ... ..                                | 1862        |
| <i>Surgery.</i> —John Chiene, M.D.                                  | ... ..                                | 1881        |
| <i>General Pathology.</i> —W. S. Greenfield, M.D.                   | ... ..                                | 1882        |

*Faculty of Arts.*

Dean.—Professor A. Campbell Fraser, LL.D.

|                                                                                       |        |      |
|---------------------------------------------------------------------------------------|--------|------|
| <i>Latin.</i> —W. Y. Sellar, M.A., LL.D.                                              | ... .. | 1863 |
| <i>Mathematics.</i> —Geo. Chrystal, M.A.                                              | ... .. | 1879 |
| <i>Greek.</i> —S. H. Butcher, M.A.                                                    | ... .. | 1882 |
| <i>Logic and Metaphysics.</i> —A. Campbell Fraser, M.A., LL.D.                        | ... .. | 1856 |
| <i>Moral Philosophy.</i> —The Rev. Henry Calderwood, LL.D.                            | ... .. | 1868 |
| <i>Natural Philosophy.</i> —P. G. Tait, M.A.                                          | ... .. | 1860 |
| <i>Rhetoric and English Literature.</i> —David Masson, M.A., LL.D.                    | ... .. | 1865 |
| <i>History.</i> —J. Kirkpatrick, M.A., LL.D.                                          | ... .. | 1881 |
| <i>Practical Astronomy.</i> —C. Piazzi Smyth, F.R.S.                                  | ... .. | 1845 |
| <i>Agriculture.</i> —John Wilson, F.R.S.E.                                            | ... .. | 1854 |
| <i>Theory of Music.</i> —Sir Herbert S. Oakeley, M.A., Mus. Doc.                      | ... .. | 1865 |
| <i>Sanskrit and Comparative Philology.</i> —Julius Eggeling, Ph.D.                    | ... .. | 1875 |
| <i>Engineering.</i> —Fleeming Jenkin, F.R.S., LL.D.                                   | ... .. | 1868 |
| <i>Geology.</i> —James Geikie, LL.D.                                                  | ... .. | 1871 |
| <i>Com. and Pol. Econ. and Merc. Law.</i> —J. S. Nicholson, M.A.                      | ... .. | 1880 |
| <i>Theory, History, and Practice of Education.</i> —Simon S. Laurie, M.A.             | ... .. | 1876 |
| <i>Fine Art.</i> —G. Baldwin Brown, M.A.                                              | ... .. | ...  |
| <i>Celtic Language, History, Literature, and Antiquities.</i> —Donald Mackinnon, M.A. | ... .. | 1882 |

Secretary of the Senatus Academicus.—Professor Wilson.

University Librarian.—John Small, M.A.

Clerk of the University.—Thomas Gilbert.

## KEEPERS OF MUSEUMS.

*Museum of Natural History*.—Professor Ewart.

*Anatomical Museum*.—Professor Turner.      *Assistant*.—James Simpson.

*Factor of the University*.—John Cook, W.S.

*Clerk of the University and Secretary and Registrar of General Council*.—  
Thomas Gilbert.

*Assistant Registrars*.—David Lister Shand, W.S. ; John Small, M.A.

*Janitor*.—John Chapman.

Local Examinations of Schools corresponding to those of Oxford and Cambridge are held in June annually by the University, and the University, by an arrangement with the War Office, holds special examinations qualifying for admission to the army.

The Degrees of Doctor of Divinity and of Doctor of Laws are conferred *honoris causâ tantum*.

Full details regarding matriculation, the curriculum of study in each of the Faculties and Degrees, and other regulations, are not within the compass of this work, and have only been given in brief, but all particulars appear in the University Calendar usually published in May.

## THE NEW UNIVERSITY BUILDINGS.

The Town Council of Edinburgh have voted the sum of 1,000 guineas as a contribution to the final subscription list towards the completion of the new University buildings on the occasion of the tercentenary of the University. The statistics showed that while in the year 1868-9 there were 669 students in arts attending Edinburgh University, in 1881-2 these had increased to 1,047. During the same period the number of medical students of Scottish extraction had increased from 229 to 638. From England they had in the earlier year 159 medical students, as against 585 in the latter year. The increase in Irish medical students had been from 12 in 1867-9 to 30 in 1881-2. Of foreign medical students there were in the former year 16 and in the latter 63, and from India there were in the former year 31, and in the latter 120; but the most remarkable fact brought out by these statistics is, that while in 1868-9 there were 29 colonial medical students, in the year 1881-2 there were 202, a seven-fold increase during 13 years.

## UNIVERSITY EDUCATION OF WOMEN.

The Earl of Zetland has given 500*l.* to the Edinburgh Association for the University Education of Women to found a bursary for the benefit of its students. This bursary will be known as the Earl of Zetland's Bursary.

## MATRICULATED STUDENTS.

Matriculated Students may be members of any of the four Faculties. They have the privilege of electing the Rector of the University. In case of an equality of votes, the Chancellor, or failing him, the Principal, has the casting vote. Students also enjoy the right of admission to the University Library, and on certain days to the Museum of Natural History. Their names are preserved in the General Album, which is the legal register of attendance at the University. Students are subject to the ordinary discipline of the Professors, and of the *Senatus Academicus*. University Matriculation consists in a Student entering his name in

the General Roll of Students of the University, and in paying a fee of 1*l.* for one year, commencing in November, or a fee of 10*s.* for a summer session, commencing in May. Matriculation is necessary before a Student can enter any of the classes in the University, or any extra-academical classes which are intended to qualify for graduation, and a declaration is signed by Students on matriculating.

The University Library consists of about 138,000 printed volumes, and 800 volumes of MSS., many of which are of great value and interest.

The Museum of Natural History was established in 1812, and the Royal Botanic Gardens in connection with the University extend to 27 acres, with greenhouses, hothouses, palm-house, etc.

For the curriculum in Arts. The annual expense for class fees, matriculation, etc., for the regular course in Arts may be estimated at about 10*l.* 10*s.* The ordinary curriculum in the Faculty of Arts, with a view to a Degree, extends over four winter sessions. The regulations and classes to be attended are given *in extenso* in the University Calendar.

The curriculum in the Faculty of Divinity is intended for the Ministry in the Church of Scotland, for which an entrance examination is necessary, and the course of study in Divinity extends over three sessions.

I. *Divinity*.—The subjects of the Lectures being—1. The Nature of Religion and of Theology. 2. Theology in relation to Physical, Mental, and Metaphysical Science. 3. General view of the Theological Sciences. 4. History of Theistic Speculation. 5. Ecclesiology. 6. Eschatology.

II. *Divinity and Ecclesiastical History*.

III. *Biblical Criticism and Biblical Antiquities*.

IV. *Hebrew, Hindustani*.

## FACULTY OF LAW.

### ORDER OF STUDY.

The Faculty having taken into consideration that the course of study in Law extends over three academical years, and that the natural order in which the various branches of the course ought to be taken up is often departed from, and sometimes altogether inverted, recommend Students, whether intending to graduate in Law or not, to attend the Lectures in the following order, viz.:—First year, Civil Law; second year, Scotch Law; third year, Conveyancing; and to attend the Lectures on Public Law, Constitutional Law and Legal History, and Medical Jurisprudence, during the second and third years of study, in such order as may be most convenient to each individual Student.

## FACULTY OF MEDICINE.

The fee for first course is 4*l.* 4*s.*; second course, 3*l.* 3*s.*; third course, free; perpetual ticket, 6*l.* 6*s.*

Lectures on (1) Anatomy, (2) Anatomical demonstrations, (3) Chemistry, (4) Materia Medica and Therapeutics, (5) Institute of Medicine or Physiology, (6) Practice of Physic, (7) Surgery, (8) Midwifery and the Diseases of Women and Children, (9) General Pathology, including morbid Anatomy, (10) Clinical Medicine, (11) Clinical Surgery, (12) Medical Jurisprudence, (13) Botany, (14) Natural History, (15) Lectureships on Mental Diseases.



## EDINBURGH EXAMINATIONS FOR WOMEN.

The University of Edinburgh grants Certificates of two grades (Pass and Honour) in Literature, Philosophy, and Science. Candidates must have studied in the Classes of the "Edinburgh Ladies' Educational Association," and have passed the University Local Examinations. The Secretary to the Examinations is H. Calderwood, Esq., LL.D.

## SUBJECTS OF EXAMINATION.

*Preliminary.*

1. English—Grammar and Composition. 2. Languages—either (a) Latin; (b) French (advanced); or (c) German (advanced). 3. Arithmetic—including Proportion and Vulgar and Decimal Fractions. 4. Either (a) Geometry, the first Book of Euclid, and Algebra to Simple Equations inclusively; or (b) General Information in Physical and Political Geography and History, especially the History of the British Islands.

*For Ordinary Certificate.*

*Latin.*—Virgil, *Æneid*, VII., VIII.; Horace, *Odes*, Book II. (omitting *Odes* 5 and 11); Cicero, *De Officiis*, I. A short English passage will be set for translation into Latin, and questions will be asked in Roman History and Literature.

*Mathematics.*—First six books of Euclid, and Algebra to Quadratic Equations.

*Logic and Metaphysics.*—The Class Lectures of any one Session—Jevon's Elementary Lessons in Logic.

*Moral Philosophy.*—The Class Lectures—Butler's Sermons; Handbook of Moral Philosophy, by Professor Calderwood.

*English Literature.*—(a) The Lectures of the Course attended. (b) English Composition. (c) History of the English Language. Books recommended.—Earle's "Philology of the English Tongue" (Introductory Historic Sketch); and Marsh's "Lectures" (Dr. W. Smith's Edition). (d) History of English Literature from 1580 to 1625. Books recommended, in addition to readings in the chief authors of the period:—Craik's "Manual of English Literature," and the portions of Hallam's *Literature of Europe* that relate to English writers of the period. (e) Special Readings:—Chaucer's "Prologue to the Canterbury Tales" (Clarendon Press Series); Milton's "Comus"; Dr. Johnson's "Life of Milton" ("Lives of the Poets"); Carlyle's "Essays on Burns and Scott."

*For Honour Certificate.*

*Latin.*—The *Georgics* of Virgil; the *Epistles* of Horace, including the "*Ars Poetica*"; Livy, from XXI. to XXV. inclusive, or Tacitus, *Annals*, I., II., III. Latin Prose Composition. Passages may be set for translation into English from authors not prescribed. Questions on Roman History and Literature.

*Mathematics.*—The advanced portions of the *Elements* of Algebra, Trigonometry, and Conic Sections; Newton's "*Principia*," Sect. I.

*Logic and Metaphysics.*—(a) The subjects discussed in the Class Lectures of three preceding Sessions, or the History of Philosophy from Bacon to Kant inclusively. (b) Hamilton's Lectures on Logic and on Metaphysics. (c) Fowler's *Inductive Logic*. (d) The Philosophy of Berkeley in his "*Principles of Human Knowledge*," "*Dialogues*," "*Theory of Vision*," and other philosophical writings (Clarendon Press Edition).

*Moral Philosophy.*—(a) The following Dialogues of Plato:—Gorgias, Meno, Phædo, and Philebus (Jowett's translation recommended). (b) Kant's "Metaphysics of Ethics." (c) Mill's Utilitarianism. (d) Macintosh's "Dissertation on the Progress of Ethical Philosophy."

*English Literature.*—(a) History and Structure of the English Language. Books recommended:—Morris's "Historical Outlines of English Accidence," and Abbot's "Shakesperean Grammar." (b) History of English Literature from 1789 to 1832. Books recommended, in addition to readings in the chief authors of the period:—Craik's larger work, entitled "History of English Literature," and Book IV. of Taine's "History of English Literature." (c) Special Readings:—The Vision of William concerning Piers the Plowman (Clarendon Press Series); Spenser's "Faery Queene," Book I. (Clarendon Press Series); Bacon's "Advancement of Learning" (Clarendon Press Edition); Shakespeare's "Macbeth" (Clarendon Press Series); Dr. Johnson's "Lives of Dryden and Pope." (d) English Composition.

*Experimental Physics.*—A general knowledge of the subject, such as may be acquired from Stewart's "Elementary Physics," or from Lectures of the Three Year Course. In addition, Maxwell's "Heat," and the first two chapters of Thomson and Tait's "Elements of Natural Philosophy."

*Geology.*—Jukes' "Students' Manual of Geology," third edition (exclusive of chapters ii. and iii.); Lyell's "Principles of Geology"; Playfair's "Illustrations of the Huttonian Theory."

*Botany.*—Vegetable Morphology and Physiology (see Balfour's "Class-Book," or his "Manual of Botany"). Botanical Characters to be demonstrated on conspicuous specimens of the following Natural Orders:—Ranunculaceæ, Papaveraceæ, Cruciferae, Caryophyllaceæ, Malvaceæ, Leguminosæ, Rosaceæ, Onagraceæ, Umbelliferae, Dipsacaceæ, Compositæ, Boraginaceæ, Labiate, Scrophulariaceæ, Primulaceæ, Euphorbiaceæ, Amentiferae, Coniferae, Orchidaceæ, Amaryllidaceæ, Liliaceæ, Palmae, Gramineæ, Filices. The Candidate will be examined practically on the Microscopical Structure of Plants, and she will be required to describe the various parts of fresh plants put into her hands.

For the Ordinary Certificate, Candidates must pass in not less than three subjects; "Honour Certificates will be awarded to those who, having passed a satisfactory Examination in at least three subjects, have exhibited high proficiency, to be tested by a special Examination for Honours, in one of these subjects, selected by the Candidate."

At the Universities of Edinburgh and Glasgow, annual local examinations are held similar to those at Oxford and Cambridge.

The late Mr. A. Vans Dunlop, Surgeon (retired), H.E.I.C.S., has recently bequeathed £60,000, mainly for the foundation and endowment of 18 scholarships, to be called the "Vans Dunlop Scholarships," of £100 each.

The late Mr. Thomas Carlyle has bequeathed land yielding £300 annually for founding Bursaries in the Faculty of Arts.

A new title has been introduced into the Faculty of Arts at Edinburgh University, which gives the style of "Literate of Arts" to Undergraduates, after attending certain classes for two years, and passing certain examinations.



## THE UNIVERSITY OF ABERDEEN.

The University of Aberdeen, as now constituted, derives its origin from two different foundations: one, the University and King's College of Aberdeen, founded in 1494, by William Elphinstone, Bishop of Aberdeen, under the authority of a Papal Bull, obtained at the instance of King James IV.; the other, Marischal College and University of Aberdeen, founded in 1593, by George Keith, Earl Marischal, by a Charter ratified by Act of Parliament.

On the 2nd of August, 1858, the Royal assent was given to an Act of Parliament (21 and 22 Victoria, cap. 83), intituled "An Act to make provision for the better government and discipline of the Universities of Scotland, and improving and regulating the course of study therein; and for the Union of the Two Universities and Colleges of Aberdeen."

By Ordinance No. 7 of the Commissioners appointed by and for the purposes of the aforesaid Act, approved by Her Majesty by Order in Council, dated 30th June, 1860, the two foundations of King's College and Marischal College were, from and after the 15th September, 1860, united and incorporated into One University and College, under the style and title of the "UNIVERSITY OF ABERDEEN."

The University is a corporate body, consisting of a Chancellor, Rector, Principal, Professors, Registered Graduates and Alumni, and Matriculated Students. Its government is administered by the University Court, the Senatus Academicus, and the General Council. It possesses all the powers, privileges, and property of the two Universities and Colleges above mentioned, and, by virtue of the Universities' Act, it takes rank among the Universities of Scotland as from the date of the foundation of the University and King's College—1494.

It has about 140 Bursaries or Exhibitions, tenable for 4 years, during the course in Arts, and each fourth of which are annually awarded by Examination; besides about 130 in the gift of certain public bodies and private individuals. Has 23 Professorships in Arts, Divinity, Law, and Medicine, the Sessions of which are thus held: in *Arts*, from last Monday in October to first Friday in April; *Divinity*, first Monday in December to last Friday in March; and first Monday in June to the end of July; *Law*, first Monday in November to end of March; *Medicine*, first Monday of November, lasting 6 months, is the Winter Session, and the Summer Session of 3 months from first Monday in May. About 600 Students. The total number of students in each Faculty in 1878: Medicine 279, Arts 330, Divinity 24, Law 12.

The class fees to Professors are about 3 guineas.

The fee for Students taking a Senior Class in any subject, without previous attendance on the Junior Class in the same subject, is 3*l.* 3*s.* Matriculation fee, 1*l.* For the Degree of M.A., 1*l.* 1*s.* for each of 3 Examinations.

The course of study for the Degree of M.A. embraces 2 years' attendance on Greek, Latin, and Mathematics, and one on English Literature, Natural Philosophy, Logic, Moral Philosophy, and Natural History. Any Student who, at the time of his entrance to the University, shall, on Examination, be found qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, shall be admitted to such higher class or classes, without having attended the first or Junior Class or Classes.

## BURSARIES.

The Annual Bursary Competition began on Monday, 28th October, when there were offered 39 Bursaries, of which 33 were in the patronage of the University, and 6 in that of the Magistrates and Town Council of Aberdeen. All but 7 were open without restriction. They are tenable during the 4 years of the Curriculum, and are of the following annual value :—11 of 35*l.* ; 4 of 20*l.* ; 2 of 18*l.* ; 1 of 16*l.* ; 8 of 15*l.* ; 31 of 14*l.* ; 2 of 13*l.* ; 4 of 12*l.* ; 1 of 11*l.* 10*s.* ; 11 of 11*l.* ; 1 of 10*l.* 10*s.* ; 8 of 10*l.* ; 1 of 9*l.* ; and 2 of 5*l.*

Candidates are requested to bring with them certificates of their age, signed by the Ministers and Session-Clerks of their respective parishes, to be produced, if required, when the result of the Examinations is intimated.

In addition to the usual Macpherson Bursary of 20*l.*, there was offered for competition, on the same conditions, one of 9*l.* or thereby.

Candidates for these Bursaries were requested to lodge with the Secretary certificates from a Gaelic Minister as to their knowledge of the Gaelic Language.

Of the Bursaries under private patronage, 19 were vacant at the close of last Session, viz. :—1 of 25*l.* ; 3 of 22*l.* 10*s.* ; 2 of 20*l.* ; 2 of 16*l.* 16*s.* ; 2 of 16*l.* ; 1 of 14*l.* ; 5 of 11*l.* ; 1 of 10*l.* 5*s.* ; and 4 of inferior value.

## CLASS AND SPECIAL PRIZES.

Books of the value of 136*l.* are awarded to the most distinguished Students in each class. At the close of the Curriculum the best Greek and Mathematical Scholars are entitled each to a Simpson Prize of 70*l.* or thereby, the second in point of merit in Mathematics to a Boxil of 27*l.*, the best Scholar in Classical Literature and Mental Philosophy to the Hutton of 30*l.*, the best General Scholar to the Gold Medal of the Magistrates and Town Council of Aberdeen, and the most distinguished Candidate for Honours in the Department of Natural History to a prize of 10*l.*

## SCHOLARSHIPS.

Masters of Arts of not more than 2 years' standing may compete for the Fullerton, &c., Scholarships, of the value of 65*l.*, and tenable for 4 years, of which 2 are vacant annually, one for Classics and Mental Philosophy, the other for Mathematics and Natural Philosophy, and if of under 3 years' standing, they are eligible for the Murray Scholarship of 70*l.*, tenable for 3 years.

## MARISCHAL COLLEGE, ABERDEEN,

Founded by George Keith, Earl Marischal, 1593, ceased to exist as a separate body in 1860, and is now merged in the University of Aberdeen.

Sir Erasmus Wilson has endowed a Chair of Pathology with 10,000*l.*, and he has nominated the Crown as Patron of the Chair.

*Chancellor.*—His Grace the Duke of Richmond and Gordon, K.G.

*Vice-Chancellor.*—The Very Rev. W. R. Pirie, D.D.

*Lord Rector.*—The Right Hon. Earl of Rosebery.

*Representative in Parliament.*—J. A. Campbell, LL.D.

## SENATUS ACADEMICUS.

|                         |                    |     |     |     | Appointed |
|-------------------------|--------------------|-----|-----|-----|-----------|
| <i>Rector</i> ... ..    | Dr. Alexander Bain | ... | ... | ... | 1881      |
| <i>Principal</i> ... .. | W. R. Pirie, D.D.  | ... | ... | ... | 1877      |

## PROFESSORS.

|                                        |                            |     |     |     |      |
|----------------------------------------|----------------------------|-----|-----|-----|------|
| <i>Law</i> ... ..                      | G. Grubb, LL.D.            | ... | ... | ... | 1881 |
| <i>Practice of Medicine</i> ... ..     | J. W. F. Smith Shand, M.D. | ... | ... | ... | 1875 |
| <i>Surgery</i> ... ..                  | A. Ogston, M.D.            | ... | ... | ... | 1880 |
| <i>Church History</i> ... ..           | John Christie, D.D.        | ... | ... | ... | 1877 |
| <i>Natural Philosophy</i> ... ..       | C. Niven, M.A.             | ... | ... | ... | 1879 |
| <i>Moral Philosophy</i> ... ..         | John Fyfe, M.A.            | ... | ... | ... | 1876 |
| <i>Mathematics</i> ... ..              | G. Pirie, M.A.             | ... | ... | ... | 1878 |
| <i>Natural History</i> ... ..          | H. Alleyne Nicholson, M.A. | ... | ... | ... | 1882 |
| <i>Greek</i> ... ..                    | William D. Geddes, M.A.    | ... | ... | ... | 1855 |
| <i>Medical Logic and Jurisprudence</i> | Francis Ogston, M.D.       | ... | ... | ... | 1857 |
| <i>Logic</i> ... ..                    | W. Minto, M.A.             | ... | ... | ... | 1879 |
| <i>Biblical Criticism and Divinity</i> | William Milligan, D.D.     | ... | ... | ... | 1860 |
| <i>Institutes of Medicine</i> ... ..   | W. Stirling, M.D.          | ... | ... | ... | 1877 |
| <i>Materia Medica</i> ... ..           | A. D. Davidson, M.D.       | ... | ... | ... | 1879 |
| <i>Botany</i> ... ..                   | J. W. H. Trail, M.B.       | ... | ... | ... | 1877 |
| <i>Chemistry</i> ... ..                | James S. Brazier           | ... | ... | ... | 1862 |
| <i>Anatomy</i> ... ..                  | John Struthers, M.D.       | ... | ... | ... | 1863 |
| <i>Systematic Theology</i> ... ..      | Samuel Trail, D.D., LL.D.  | ... | ... | ... | 1867 |
| <i>Humanity</i> ... ..                 | James Donaldson, LL.D.     | ... | ... | ... | 1882 |
| <i>Midwifery</i> ... ..                | W. Stephenson, M.D.        | ... | ... | ... | 1869 |
| <i>Oriental Languages</i> ... ..       | John Forbes, D.D., LL.D.   | ... | ... | ... | 1870 |
| <i>Pathological Anatomy</i> ... ..     | H. Hamilton, M.D.          | ... | ... | ... | 1881 |

*Lecturers.*—W. Milligan, D.D.; Samuel Trail, D.D., LL.D.; John Christie, D.D.; Professor Christie; T. Jameson.

*Secretary to the Senatus.*—Dr. W. Milligan.

## DEANS OF FACULTIES.

*Dean of the Faculty of Arts.*—Vacant.

*Secretary.*—Professor Black.

*Dean of the Faculty of Divinity.*—Dr. Forbes.

*Secretary.*—Dr. Trail.

*Dean of the Faculty of Medicine.*—Dr. Ogston.

*Secretary.*—Professor Brazier.

*Curator of the Library.*—Professor Geddes.

*Curator of the Museum.*—Professor Nicol.

*Registrar and Secretary to University Court and General Council.*—Rob. Walker, M.A., F.R.S.E.

*Librarian.*—R. Walker, M.A., F.R.S.E.

*Legal Adviser.*—Francis Edmond, M.A.

*Factor.*—William Hunter, M.A.



## THE UNIVERSITY OF GLASGOW,

Founded 1451, by a bull of Pope Nicholas V., obtained by King James II., at the instigation of Bishop Turnbull, is a corporate body consisting of a Chancellor, a Rector, a Dean of Faculties, a Principal, Professors, and 2,320 Students, of whom 1,385 matriculated in Arts, 100 in Divinity, 624 in Medicine, and 211 in Law. The Session opens annually on the First Tuesday in November, and closes April 30th. The Matriculation Fee is 1*l*. for the Academical Year, and 10*s*. for the Summer Session. The average cost of a four years' curriculum in Art for the Degree of M.A. is about 45*l*., which would include the cost of Books and Diploma. For each class in Literature and Philosophy the Class Fees are Three Guineas (with the exception of Natural Philosophy, Four Guineas); in Theology, Three Guineas; in Law, Four Guineas; in Medicine, Three Guineas, with One Guinea for Waltonian Lectures. The University has more than 240 Bursaries (equivalent to English Scholarships), varying in value from 5*l*. to 200*l*., some of which are open to the competition of Students, others are in the gift of various patrons, the annual value of these Bursaries and prizes amounts to about 8,000*l*. At the opening of the Session of 1881-82, there were competed for 45 Bursaries in Arts, in value from 10*l*. to 80*l*., tenable two to four years; 10 in Divinity of 15*l*. to 40*l*. There are besides numerous prizes in books, gold medals, and money. There are also twelve Snell Exhibitions of 110*l*. per ann., tenable for five years, two or three of which are competed for annually by natives of Scotland under 21 years of age, who have previously resided two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland; and also the following Exhibitions, Fellowships, and Scholarships:—

| FOUNDATION.            | No. of Scholarships, &c. | TENABLE BY                        | Approximate Annual Value of each. |
|------------------------|--------------------------|-----------------------------------|-----------------------------------|
|                        |                          |                                   | £                                 |
| Black Theological - -  | 1                        | Masters of Arts of Scot. Univ.    | 140                               |
| Breadalbane - - -      | 2                        | Do. Glas. Univ.                   | 50                                |
| Clark, George A. - -   | 4                        | Do. do.                           | 225                               |
| Clark, John (Mile-end) | 8                        | Arts Students at close of Curric. | 50                                |
| Donaldson - - - -      | 1                        | ?                                 | 35                                |
| Eglinton - - - - -     | 2                        | Masters of Arts of Glas. Univ.    | 100                               |
| Euing, William - - -   | 3                        | Do. do.                           | 80                                |
| Ferguson - - - - -     | 6                        | Masters of Arts of Scot. Univ.    | 80                                |
| Findlater - - - - -    | 1                        | Divinity Students of Glas. Univ.  | 35                                |
| Luke - - - - -         | 1                        | Masters of Arts of do.            | 120                               |
| Metcalf - - - - -      | 1                        | Do. do.                           | 100                               |
| Sandford - - - - -     | 1                        | Greek Students do.                | 19                                |
| Scott - - - - -        | 1                        | Masters of Arts do.               | 80                                |
| Shaw Philosophical -   | 1                        | Do. Scot. Univ.                   | 160                               |
| Snell (at Oxford) - -  | 12                       | Masters of Arts, &c., Glas. Univ. | 110                               |
| Thomson Experimental   | 3                        | Students of Natural Philosophy.   | 20                                |

## UNIVERSITY OFFICERS.

*Chancellor.*—His Grace the Duke of Buccleuch, and Queensberry, K.G.

*Vice-Chancellor.*—John Caird, D.D., the Principal.

*Lord Rector.*—The Right Hon. J. Bright, M.P.

*Principal.*—Rev. John Caird, D.D.

## UNIVERSITY COURT.

Appointed

*President.*—The Rector of the University ... .. 1874

*The Principal* ... .. 1873

*Dean of Faculties.*—R. W. Cochran Patrick, LL.D., M.P.... 1879

*Representative in Parliament.*—J. A. Campbell, LL.D.

*Assessor nominated by Chancellor.*—James Alex. Campbell, LL.D. 1875

” ” *Rector.*—Chas. Cameron, M.D., LL.D., M.P. 1880

” ” *General Council.*—Anderson Kirkwood,  
LL.D. ... .. 1871

” ” *Senate.*—Professor Berry, M.A. ... .. 1880

## SENATUS ACADEMICUS.\*

## Chairs

## Professors

Appointed

*President.*—The Principal ... .. 1873

*Divinity* ... .. William Purdie Dickson, D.D. ... 1873

*Natural Philosophy* ... .. Sir William Thomson, LL.D., D.C.L. 1846

*Practical Astronomy* ... .. Robert Grant, LL.D. ... 1859

*English Language and Literature* ... .. } John Nichol, LL.D.... ... 1862

*Practice of Medicine* ... .. William T. Gairdner, M.D. ... 1862

*Humanity* ... .. George G. Ramsay, LL.D. ... 1863

*Logic and Rhetoric* ... .. John Veitch, LL.D. ... 1864

*Moral Philosophy* ... .. Edward Caird, LL.D. ... 1866

*Natural History* ... .. John Young, M.D. ... 1866

*Conveyancing* ... .. James Robertson, LL.D. ... 1867

*Law of Scotland* ... .. Robert Berry, M.A., Advocate ... 1867

*Midwifery* ... .. William Leishman, M.D. ... 1868

*Surgery* ... .. George H. B. MacLeod, M.D. ... 1869

*Forensic Medicine* ... .. Pierce A. Simpson, M.D. ... 1872

*Civil Engineering and Mechanics* ... .. } James Thomson, LL.D., D.Sc. ... 1873

*Biblical Criticism* ... .. William Stewart, D.D. ... 1873

*Clinical Surgery* ... .. George Buchanan, M.D. ... 1874

*Clinical Medicine* ... .. T. M'Call Anderson, M.D. ... 1874

*Chemistry* ... .. John Ferguson, M.A. ... 1874

*Church History* ... .. William Lee, D.D. ... 1874

*Greek* ... .. Richard C. Jebb, LL.D. ... 1875

*Institutes of Medicine* ... .. John Gray M'Kendrick, M.D. ... 1875

*Oriental Languages* ... .. James Robertson, D.D. ... 1875

*Anatomy* ... .. J. Cleland, M.D. ... 1877

*Botany* ... .. J. B. Balfour, M.B., D.Sc. ... 1879

*Mathematics* ... .. W. Jack, M.A., LL.D. ... 1879

*Materia Medica* ... .. M. Charteris, M.D. ... 1880

*Naval Architecture & Marine Engineering.*—J. G. Laurie. A Chair will shortly be established.

\* “The precedence of the Masters in point of ceremony shall, in all time coming, be that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices.”—*Statute of Royal Visitation.*

## LECTURERS.

John Young, M.D., Honyman Gillespie Lecturer.  
 Thomas Reid, M.D., Waltonian Lecturer.  
 William Galbraith Miller, LL.B., Public Law Lecturer.  
 Alexander Ure, LL.B., Constitutional Law and History.  
 David Yellowleas, M.D., Insanity.

## ASSISTANTS TO PROFESSORS.

*Assistant to Professor of Humanity.*—John H. Muirhead, B.A.  
 " " *Greek.*—Alexander Murdoch.  
 " " *Nat. Philosophy.*—Andrew Gray, M.A.  
 " " *Mathematics.*—J. C. Watt, M.A.  
 " " *Anatomy.*—William Allen, M.D.  
 " " *Chemistry.* { John Hutcheson.  
                           { James J. Dobbie, D.Sc.  
 " " *Materia Medica.*—Alexander Napier, M.D.  
 " " *Forensic Medicine.*—Donald Munro.  
 " " *Institutes of Medicine.*—J. MacGregor-Robertson,  
                                   M.B.  
 " " *Practice of Medicine.*—George S. Middleton, M.B.  
*Arnott and Thomson Demonstrator in Experimental Physics.*—Jas. Thomson  
 Bottomley, M.A.  
*Young Assistant in Civil Engineering and Mechanics.*—Archibald Barr, B.Sc.  
*Muirhead Demonstrator in Physiology.*—J. MacGregor-Robertson, M.B.

## EXAMINERS FOR DEGREES.

*In the Faculty of Divinity.*

The Professors in the Faculty of Divinity.

*In the Faculty of Law.*

The Professors in the Faculty of Law, assisted by  
 William Galbraith Miller, LL.B.  
 George Readman, LL.B., Advocate.  
 Alexander Ure, LL.B., Advocate.

*In the Faculty of Medicine.*

|                                                        |                         |
|--------------------------------------------------------|-------------------------|
| The Professors in the Faculty of Medicine, assisted by |                         |
| Donald Fraser, M.D.                                    | Andrew Wilson, Ph.D.    |
| H. S. Wilson, M.D.                                     | Alex. Macalister, M.D.  |
| Robert Perry, M.D.                                     | Hector C. Cameron, M.D. |
| Joseph Coats, M.D.                                     | John Brunton, M.D.      |


*In the Faculty of Arts.*

The Professors of Humanity, Greek, Logic, Moral Philosophy, Natural  
 Philosophy, Mathematics, and English Literature, assisted by—  
*Examiner in Mathematics.*—Thomas Muir, M.A. ... 1880  
*Examiner in Classics.*—Rev. Alex. R. MacEwen, M.A. ... 1881  
*Examiner in Mental Philosophy.*—B. F. C. Costelloe, M.A. .... 1879

*Keeper of Hunterian Museum.*—Professor Young, M.D.  
*Under-Keeper.*—John Young, F.G.S.  
*Curator of Library.*—Professor W. P. Dickson, D.D.  
*Librarian.*—James Lymburn.  
*Sub-Librarians.*—William Richardson, John Young, B.Sc.  
*Secretary to the University Court.*—Anderson Kirkwood, LL.D.  
*Clerk and Secretary.*—Professor W. Stewart, D.D.  
*Ass.-Clerk of Senate and Registrar of the Gen. Council.*—Thomas Moir.  
*Secretary to the General Council.*—David Hannay.  
*Factors.*—Messrs. Hill, Davidson, and Hoggan.  
*Law Agents.*—Messrs. Mitchells, Cowan, and Johnston.  
*Publisher and Bookseller to the University.*—James MacLehose.  
*Printer to the University.*—Robert MacLehose.  
*Bedellus and Janitor.*—Lauchlan M'Pherson.  
*Master of Works.*—David Stewart.

Under the will of the late Mr. Chas. Randolph, engineer and shipbuilder, 60,000*l.* has been bequeathed to this University for building purposes, and quite recently a vote of 90,000*l.* was passed towards the expenses incurred in respect of the new College buildings.

At this University annual local examinations are held similar to those at Oxford and Cambridge.



## VICTORIA UNIVERSITY.

## MANCHESTER.

This University was founded and incorporated by Royal Charter in 1880. The characteristic features of this University are, (1) It will not confer its degrees on Candidates who shall have passed certain examinations only, but will also require attendance on prescribed courses of academical study in a College of the University, and (2) according to the constitution of the University, it contemplates becoming ultimately a federation of Colleges; but these Colleges will not be situated like those of Oxford and Cambridge, in one town, but wherever a College of adequate efficiency, stability, and numbers shall have arisen.

In the matter of women's education, according to the charter of this University, power is given to confer and grant all degrees and other distinctions to male and female students alike. Inasmuch, however, as all persons presenting themselves for examination for a degree in the University must have pursued a regular course of study in one of its Colleges, only such women as have pursued the prescribed course of study in the Owens College (at present the only incorporated College of the University) can be examined for a degree.

The Court of Governors of the Owens College has already approved in principle a scheme which will enable women to pursue regular courses of study in arts in the Owens College, or in a special women's department organically connected with it. According to the University charter, there is, however, a proviso that the University shall not grant degrees in medicine or surgery, unless and until authority in that behalf is given by a further charter or Act of Parliament. But by a supplementary Royal charter granted in 1883, the University is now empowered to confer degrees in medicine and surgery. Regulations as to the examinations and degrees in medicine and surgery are in course of preparation.

## MATRICULATION.

University Matriculation consists in the placing of the name of a Student upon the Register of Scholars of the University.

Every Candidate for matriculation is required to furnish the Registrar with a certificate of his admission as a Student of one of the Colleges of the University, and on payment of the matriculation fee of £2, he signs an undertaking to obey the Regulations of the University.

Students can matriculate in June, and in the Michaelmas term of each Academical year, and Students presenting themselves for any of the examinations for degrees of the University, must present certificates of having matriculated.

*Visitor.*—The Queen.

*Chancellor.*—The Duke of Devonshire, K.G., LL.D., F.R.S.

*Vice-Chancellor.*—Principal J. G. Greenwood, B.A., LL.D.

*The University Court* comprises the Chancellor, the Vice-Chancellor, and thirty-eight Members, partly nominated by the Crown, and partly by the University.



THE REPRESENTATIVES OF THE  
OWENS COLLEGE,

The first College incorporated in this University, are—

*The President of the College*—The Duke of Devonshire, K.G.  
*The Chairman of the Council of the College*—Alfred Neild, Esq.  
*The Principal of the College*—J. G. Greenwood, LL.D.

THE UNIVERSITY COUNCIL.

*Ex-officio*:—the Chancellor, the Vice-Chancellor.—The Representatives of the Owens College, and sixteen other Members.

OFFICERS OF THE UNIVERSITY.

*Chancellor*.—The Duke of Devonshire, K.G.  
*Vice-Chancellor*.—Principal J. G. Greenwood, LL.D.  
*Pro-Vice-Chancellor*.—Prof. H. E. Roscoe, B.A., LL.D., F.R.S.  
*Registrar*.—A. T. Bentley, M.A.  
*Treasurer*.—Alfred Neild, Esq.  
*Chairman of Convocation*.—Prof. H. E. Roscoe, B.A., LL.D., F.R.S.  
*Chairman of the General Board of Studies*.—Prof. A. W. Ward, M.A., LL.D.  
*Secretary of the General Board of Studies*.—Prof. Robert Adamson, M.A., LL.D.

PROFESSORS OF THE UNIVERSITY.

*Greek*.—J. G. Greenwood, B.A., LL.D.  
*Latin and Comparative Philology*.—A. S. Wilkins, M.A., LL.D.  
*English Literature and History*.—A. W. Ward, M.A., LL.D.  
*English Language*.—T. Northcote Toller, M.A.  
*Mathematics*.—Thomas Barker, M.A.  
*Natural Philosophy*.—Balfour Stewart, M.A., LL.D., F.R.S.  
*Applied Mathematics*.—Arthur Schuster, Ph.D., F.R.S.  
*Natural Philosophy*.—Thomas H. Core, M.A.  
*Engineering*.—Osborne Reynolds, M.A., F.R.S.  
*Logic, Philosophy, and Political Economy*.—Robert Adamson, M.A., LL.D.  
*Jurisprudence and Law*.—Alfred Hopkinson, M.A. B.C.L.  
*Chemistry*.—R. E. Roscoe, B.A., LL.D., Ph.D., F.R.S.  
*Organic Chemistry*.—Carl Schorlemmer, F.R.S.  
*Zoology*.—Arthur Milnes Marshall, M.A., D.Sc.  
*Botany*.—W. C. Williamson, LL.D., F.R.S.  
*Geology*.—W. Boyd Dawkins, M.A., F.R.S.  
*Oriental Languages*.—T. Theodores.  
*Physiology*.—Arthur Gamgee, M.D., F.R.S.  
*Anatomy*.—Morrison Watson, M.D.  
*Medicine*.—W. Roberts, M.D., F.R.S., F.R.C.P.  
*Medicine*.—John E. Morgan, M.A., M.D., F.R.C.P.  
*Surgery*.—Edward Lund, F.R.C.S.  
*Obstetric Medicine*.—John Thorburn, M.D.  
*Materia Medica*.—Daniel John Leech, M.D., M.R.C.P.  
*Pathology and Morbid Anatomy*.—Julius Dreschfeld, M.D., M.R.C.P.

## LECTURERS OF THE UNIVERSITY.

*Mineralogy*.—Charles A. Burghardt, Ph.D.

*French*.—J. F. H. Lallemand, B.-ès-Sc.

*German*.—Herman Hager, Ph.D.

*Drawing*.—William Walker.

*Music*.—Edward Hecht.

*Medical Jurisprudence*.—Charles J. Cullingworth, M.R.C.P., M.R.C.S.

*Ophthalmology*.—David Little, M.D.

*Hygiene*.—Arthur Ransome, M.A., M.D.

*Practical Surgery*.—Thomas Jones, M.B., B.Sc.

*Classics*.—Edwin B. England, M.A.

*Mathematics*.—R. F. Gwyther, M.A.

*Engineering*.—John B. Millar, B.E.

*Law*.—John Gent, M.A.

*Chemistry*.—W. C. Williams, F.C.S.

*Chemistry*.—P. P. Bedson, D. Sc., F.C.S.

*Zoology and Botany*.—Marcus M. Hartog, M.A., B.Sc.

## UNIVERSITY EXAMINERS.

The Professors of the University.

*Classics*.—A. Goodwin, M.A., Professor of Greek in University College, London.

*History, Law, and Jurisprudence*.—James Bryce, M.A., D.C.L., M.P., Regius Professor of Civil Law, Oxford.

*English Language and Literature*.—T. C. Snow, M.A., Fellow and Lecturer of St. John's College, Oxford.

*French Language and Literature*.—E. Joel, Lecturer in French in Mason's Science College, Birmingham.

*German Language and Literature*.—C. A. Buchheim, Ph.D., Professor of German in King's College, London.

*Philosophy*.—James Sully, M.A.

*Political Economy*.—W. H. Brewer, M.A.

*Mathematics and Engineering*.—John Hopkinson, M.A., D.Sc., F.R.S., late Fellow of Trinity College, Cambridge.

*Physics*.—Arthur William Rücker, M.A., late Fellow of Brasenose College, Oxford, Professor of Physics, Yorkshire College, Leeds.

*Chemistry*.—H. E. Armstrong, F.R.S., Professor of Chemistry, London Institution.

*Physiology*.—J. N. Langley, M.A., Fellow of Trinity College, Cambridge.

*Zoology*.—Patrick Geddes, Lecturer in Zoology, School of Medicine, Edinburgh.

*Botany*.—S. H. Vines, M.A., D.Sc., Fellow and Lecturer in Botany, Christ's College, Cambridge.

*Geology and Palæontology*.—T. Rupert Jones, F.R.S.

*Lecturer of the University*.—Charles A. Burghardt, Ph.D.

“ “ J. F. H. Lallemand, B.-ès-Sc.

“ “ Herman Hager, Ph.D.

“ “ John B. Miller, M.E.

NOTE.—The Examiners in Medicine and Surgery will be appointed in the course of the present session.

## GENERAL BOARD OF STUDIES.

*Chairman.*—Professor A. W. Ward, M.A., LL.D.

*Secretary.*—Professor R. Adamson, M.A.

The Examiners of the University.

## GRADUATION.

## FACULTIES OF ARTS AND OF SCIENCE.

1. The Degrees in these Faculties are Bachelor of Arts and Bachelor of Science, Master of Arts and Master of Science, together with a Degree of Doctor, viz., Doctor of Literature, Doctor of Philosophy, or Doctor of Science.

## DEGREES OF BACHELOR OF ARTS AND BACHELOR OF SCIENCE.

2. The Degrees of Bachelor of Arts and Bachelor of Science are conferred upon scholars of the University who have attended in a College of the University the courses of study approved by the University, and have passed the examinations appointed by it, for the Ordinary Degree of B.A. or B.Sc., or with Honours. Honours are granted to students who have passed through a regular course in a College of the University in one of the Honours Schools of the University.

3. Students offering themselves for any of the examinations for the Degree of B.A. or B.Sc. (Preliminary, Intermediate, and Final) are required to present certificates of being at the time on the Register of Scholars of the University.

4. Before presenting themselves for any of the examinations for the Degree of B.A. or of B.Sc., students are required to furnish to the University Registrar certificates of attendance in a College of the University upon courses of instruction, approved by the University, in each of the subjects in which they are to be examined (except in cases of special exemption).

5. All candidates for the Degrees of B.A. or B.Sc. are required to pass an examination, to be called the *Preliminary Examination*, and to present themselves for this examination not later than two years from the date of their matriculation, unless prevented from attending it by some cause deemed satisfactory by the General Board of Studies.

## PRELIMINARY EXAMINATION.

6. The times for holding the Preliminary Examination are about the middle or end of June and about the beginning of October.

7. At the Preliminary Examination held in October those students only may present themselves who have matriculated since the Preliminary Examination held in the previous June, or who failed in the Preliminary Examination held in the previous June, or who were prevented from attending it by reasons satisfactory to the General Board of Studies.

8. Students attending one of the courses approved by the University for one of the Honours Schools in the University, on presenting themselves for the Preliminary Examination, may furnish certificates of attendance on the classes required by the University for such Honours School in lieu of certificates of attendance upon classes in any of the subjects of the Preliminary Examination.

9. Candidates presenting themselves for the Preliminary Examination

are required to satisfy the Examiners in one of the following groups (A and B) of subjects :—

A. 1, Latin ; 2, Greek ; 3, English Language and English History (including Geography) ; 4, pure Mathematics ; 5, *one* of the following : (a) French, (b) German, (c) Experimental Mechanics, (d) Elementary Chemistry.

B. 1, English Language and English History (including Geography) ; 2, pure Mathematics ; and *either*—3, Experimental Mechanics ; 4, Elementary Chemistry ; 5, *one* of the following : (a) Latin, (b) Greek, (c) French, (d) German ; *or*, 3 and 4, *two* of the following : (a) Latin, (b) Greek, (c) French, (d) German ; 5, *one* of the following : (a) Experimental Mechanics, (b) Elementary Chemistry.

10. The names of students who have passed the Preliminary Examination are published in two divisions, the names in each division being arranged in alphabetical order.

#### ORDINARY DEGREES OF BACHELOR OF ARTS AND OF BACHELOR OF SCIENCE.

##### *General Regulations for Examination and Attendance.*

11. Candidates for the Ordinary Degrees of B.A. and B.Sc. are, except as hereinafter provided, require to furnish certificates of having passed through, in a College of the University, a course of study approved by the University, extending over at least three academic years, corresponding to the Preliminary, the Intermediate, and the Final Examinations respectively, of which years at least two shall be subsequent to the date at which they have passed the Preliminary Examination.

Provided that any student who shall have passed the Preliminary Examination next after his Matriculation, and have been placed in the First Division, may take his Degree of B.A. or of B.Sc. after two years of academical study from the date of such Preliminary Examination.

12. The Examination for the Ordinary Degree of Bachelor (B.A. or B.Sc.) is divided into two parts, called the *Intermediate* and the *Final Examination*.

13. The times for holding the Intermediate Examination are about the middle or end of June and about the beginning of October.

14. At the Intermediate Examination held in October, those students only may present themselves who failed in the Intermediate Examination held in the previous June, or who were prevented from attending it by reasons satisfactory to the General Board of Studies, or who present themselves in accordance with the provision of clause 23.

15. Students who have failed in an Intermediate Examination are required, before presenting themselves for any Intermediate Examination held in a subsequent calendar year, to obtain the sanction of the General Board of Studies.

16. Students, before entering for the Intermediate Examination, are required to furnish certificates of having passed the Preliminary Examination, and of having attended in a College of the University a course of study approved by the University, and extending over at least one academic year from the date at which they have passed the Preliminary Examination, in each of the subjects in the group in which they present themselves for examination.

17. The names of students who have passed the Intermediate Examina-

tion are published in a single list in two divisions, the names in each being arranged in alphabetical order.

18. Candidates for the Degree of B.A. or of B.Sc. with Honours, who have not been awarded Honours in the Examination for the Degree of B.A. or of B.Sc. with Honours, at which they have presented themselves, and have not, in the opinion of the Examiners, acquitted themselves sufficiently well in such Examination to be allowed to proceed to the next Final Examination for the Ordinary Degree, shall be allowed to proceed to the next Intermediate Examination in any of the groups for the Ordinary Degree hereinafter enumerated.

19. The times for holding the Final Examination are about the middle or end of June and about the beginning of October.

20. At the Final Examination in October only those Students may represent themselves who failed in the Final Examination held in the previous June, or who were prevented from attending it by some cause deemed satisfactory by the General Board of Studies, or who are qualified under the provision of clause 23.

21. Students presenting themselves for the Final Examination in any of the groups for the Ordinary Degree hereinafter enumerated are required to have passed the Intermediate Examination in such group, and to furnish certificates of having attended in a College of the University a course of study approved by the University, and extending over at least one academic year from the date at which they have passed the Intermediate Examination in each of the subjects of the group in which they present themselves.

22. The names of students who have passed the Final Examination are published in a single list of two classes, the names in each being arranged in alphabetical order.

23. Candidates for the Degree of B.A. or of B.Sc. with Honours, who have not been awarded Honours in the Examination for the Degree of B.A. or of B.Sc. with Honours, at which they have presented themselves, may, if they have, in the opinion of the Examiners, acquitted themselves sufficiently well in such Examination, proceed to the next Final Examination in any of the groups for the Ordinary Degree of B.A. or of B.Sc., without being required to pass the earlier or intermediate part of the Examination for the Ordinary Degree.

*Special Regulations for Ordinary Degree of Bachelor of Arts.*

24. Candidates for the Ordinary Degree of B.A. are required to present themselves for the Intermediate and for the Final Examination in each of the subjects in one of the following groups :—

A. (Mainly Classical).—*Intermediate Examination*: 1, Mathematics; 2, English Language (History of); 3, English Literature; 4, Logic. *Final Examination*: 1, Greek; 2, Latin; 3, Ancient History; 4, Philosophy. *Intermediate Course*: Greek, Latin, Ancient History, English Language, English Literature, Mathematics, Logic. *Final Course*: Greek, Latin, Ancient History, Philosophy.

B. (Mainly Historical).—*Intermediate Examination*: 1, Latin or Greek; 2, Mathematics; English Language (History of). *Final Examination*: 1, Latin or Greek; 2, History (Ancient and Modern); 3, French or German; 4, English Literature; 5, Political Economy. *Intermediate Course*: History (Ancient and Modern), Greek, Latin, English Language, English Literature, Mathematics, French or German. *Final Course*: History



(Ancient and Modern), Greek or Latin, English Literature, Political Economy, French or German.

Provided that the Classical Language presented at the Final Examination has not been presented at the Intermediate Examination.

C. (Mainly English and Modern Languages).—*Intermediate Examination*: 1, English Language (History of); 2, Mathematics; 3, Early English; 4, Ancient History. *Final Examination*: 1, Advanced English Language; 2, English Literature; 3, Modern History; 4, French; 5, German; 6, Latin. *Intermediate Course*: English Language, Early English Language, English Literature, Ancient History, French, German, Latin, Mathematics. *Final Course*: Advanced English Language, English Literature, Modern History, French, German, Latin.

D. (Mainly Philosophical).—*Intermediate Examination*: 1, Logic; 2, Latin; 3, Mathematics; 4, English Literature. *Final Examination*: 1, Philosophy; 2, History of Philosophy; 3, Greek; 4, Ancient History; 5, French or German. *Intermediate Course*: Logic, Greek, Latin, Mathematics, Ancient History, English Literature, French or German. *Final Course*: Philosophy, History of Philosophy, Greek, Ancient History, French or German.

25. Candidates for the Degree of B.A. must have satisfied the Examiners in Latin and Greek at the Preliminary Examination.

*Special Regulations for Ordinary Degree of Bachelor of Science.\**

26. Candidates for the Ordinary Degree of B.Sc. are required to present themselves for the Intermediate and for the Final Examination in each of the subjects of one of the following groups:—

A. (Mainly Mathematical).—*Intermediate Examination*: 1, Pure Mathematics; 2, Applied Mathematics; 3, Physics; 4, Logic; 5, Chemistry or Elementary Biology; 6, One of the following: Latin, Greek, French, German, English Language and Literature. *Final Examination*: 1, Pure Mathematics; 2, Applied Mathematics; 3, Physics and Practical Work; 4, One of the following: (a†) Elementary Biology, (b†) Chemistry, (c) Philosophy, (d) One of the following: Latin, Greek, French, German, English Language and Literature.

B. (Engineering).—*Intermediate Examination*: 1, Engineering with Drawing; 2, Pure Mathematics; 3, Applied Mathematics or Physics; 4, Chemistry; 5, French or German. *Final Examination*: 1, Engineering with Drawing; 2, Pure Mathematics; 3,‡ Any two of the following: Physics, Geology, Applied Mathematics.

C. (Experimental Science).—*Intermediate Examination*: 1, Pure Mathematics; 2, Physics; 3, Chemistry; 4, Any one of the following: (a) Elementary Biology, (b) Logic, (c) Physiography; 5, One of the following: Greek, Latin, French, German, English Language and Literature. *Final Examination*: 1, Applied Mathematics or Geology with Mineralogy; 2, Physics, with Practical Work; 3, Chemistry; 4, Analytical Chemistry.

D. (Biological).—*Intermediate Examination*: 1, Physics; 2, Chemistry;

\* The courses correspond in subjects to the Examinations in both the intermediate and the final years.

† Provided the candidate has not presented this subject at his Intermediate Examination.

‡ Provided that Applied Mathematics be taken at either the Intermediate or the Final Examination.

3, Elementary Biology; 4, Any one of the following: (a) Pure Mathematics, (b) Logic, (c) Physiography; 5, One of the following: Greek, Latin, French, German, English Language and Literature. *Final Examination*: Any three of the following: \* Division I.—1, Botany; 2, Zoology; 3, Physiology; 4, Geology. Division II.—5, Chemistry, with Practical Work; 6, Physics, with Practical Work; 7, Philosophy.

#### DEGREES OF BACHELOR OF ARTS AND BACHELOR OF SCIENCE, WITH HONOURS.

27. Candidates for the Degree of B.A. or B.Sc. with Honours are, except as hereinafter stated, required to furnish certificates of having attended in a College of the University courses of instruction approved of by the University, and extending over not less than three academical years from the date of their matriculation, in one of the Honours Schools of the University hereinafter enumerated.

28. Every candidate for the Degree of B.A. or B.Sc. with Honours shall be required to present himself at the examination next in date after the expiration of the third academical year from the time when he has entered upon one of the courses of instruction approved by the University for such degree, unless he shall present a medical certificate of illness satisfactory to the University Council.

29. Candidates for the Degree of B.A. or B.Sc. with Honours may present themselves for examination in any of the following Honours Schools, in the respective Faculties, on furnishing certificates of having attended, in accordance with the University Regulations, the College courses required for such Honours Schools in the University, and on proving to the satisfaction of the Board of Studies that they have performed the exercises of such classes as they shall have attended for such courses, viz. :—

#### FACULTY OF ARTS.

I. *Classics*.—Candidates will be examined in Greek and Latin Translation and Composition; in the History, Literature and Antiquities, Grammar and Philology of the Greek and Latin Languages; and in the History of Ancient Philosophy.

II. *English Language*.—Candidates will be examined in the English Language; in Gothic; in Icelandic or Old Saxon; in the Philology and History of the Teutonic Languages; and in Old French.

III. *History*.—Candidates will be examined in General History and Geography; in English (including Constitutional) History; and in selected Historical subjects.

IV. *Philosophy*.—Candidates will be examined in Logic, Psychology, Ethics, and the History of Philosophy, and in selected Philosophical subjects.

#### FACULTY OF SCIENCE.

V. *Mathematics*.—Candidates will be examined in Pure and Mixed Mathematics.

VI. *Engineering*.—Candidates will be examined in Engineering and Pure and Mixed Mathematics.

VII. *Chemistry*.—Candidates will be examined in Inorganic and Organic Chemistry, Chemical Physics, Analytical Chemistry, in Practical

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\* Provided that two of the three subjects be selected from Division I.

Laboratory Work, and in one of the following optional subjects:—Chemical Geology and Mineralogy, Technological Chemistry, Physiological Chemistry.

VIII. *Zoology*.—Candidates will be examined in Zoology, Comparative Anatomy, Embryology, Geology, and Palæontology; in Practical Laboratory Work, and in either Physiology or Botany.

IX. *Physiology*.—Candidates will be examined in Animal Physiology, in Practical Laboratory Work, and in one of the following optional subjects: Physics, Organic Chemistry, Comparative Anatomy, Psychology.

X. *Geology, Mineralogy, and Palæontology*.—Candidates will be examined either (a) in Geology, Mineralogy and Petrology, Chemical Geology, with Practical Physics or Palæontology; or (b) in Geology, Palæontology, Zoology, and Botany; and in Practical Work.

30. Students who have passed the Final Examination for an Ordinary B.A. Degree may, with the sanction of the General Board of Studies, and on furnishing certificates of having attended during the academical year following such Final Examination for the Ordinary Degree, the third, or during the two academical years following such Final Examination, the second and third year's course approved by the University of any one of its Honours Schools, present themselves for examination for a B.A. Degree with Honours in such School.

31. No candidate for a Degree of B.A. with Honours shall be admitted more than once to examination in the same Honours School; but students who have passed the Final Examination in any of the Honours Schools instituted by the University shall be permitted to enter upon the third, or second and third, year's course approved by the University in any other Honours School; and, on furnishing certificates of having attended the classes in such course as have not already been attended by them in the course required for the Honours School in which they have passed, to present themselves for Final Examination in the other Honours School selected.

Provided that candidates shall not present themselves for the Final Examination in the said other Honours Schools selected more than two academic years after the Final Examination in Honours already passed by them, and also that no student be admitted to examination in any Honours School after a longer period than six years has elapsed since the date of his matriculation.

32. Names of students who have passed the examination for the Degree of Bachelor with Honours shall be published in such form as to distinguish the Honours School in which severally they may have passed; the names of those who have passed in Honours being drawn up in three classes, and each class being arranged in alphabetical order.

#### DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE.

33. The Degree of M.A. is conferred, on payment of the proper fees, upon registered Bachelors of Arts, and on the like payment the Degree of Master of Science upon registered Bachelors of Science, when of three years' standing from the date of their graduation as Bachelors, and after not less than six academic years have elapsed since the date of their matriculation.

34. Bachelors of Arts or Science who have graduated with Honours are not required to present themselves for any further examination for the Degree of Master of Arts or Science.

35. Bachelors of Arts or Science who have obtained the Ordinary Degree are required further to satisfy the Examiners in such portions of the examination in some Honours School of the University as the General Board may from time to time approve.

36. The names of students who have passed the Further Examination for Degree of Master of Arts or Science shall be arranged in alphabetical order without distinction of classes.

#### DEGREES OF DOCTOR OF LITERATURE, DOCTOR OF PHILOSOPHY, AND DOCTOR OF SCIENCE.

37. The Degrees of Doctor of Literature, Doctor of Philosophy, and Doctor of Science are conferred by the University upon registered Masters of Arts or Masters of Science of the University who shall be deemed by the Council, on a report furnished by the General Board of Studies, after considering a report from one or more of its Departmental Boards, to have distinguished themselves by special research or learning.

Provided that the General Board of Studies may, in such cases as it shall think fit, after considering a report from one or more of its Departmental Boards, also require candidates to pass such an examination as it may from time to time determine.

#### STATUTE REGARDING FEES TO BE PAID ON MATRICULATION, AND FOR EXAMINATIONS AND DEGREES.

1. No fee shall entitle to admittance to more than one examination.
2. The fee for Matriculation shall be £2, and shall include the fee for Preliminary Examination.
3. A fee of £1 shall be payable for any subsequent Preliminary Examination.
4. The fee for the Intermediate Examination shall be £1.
5. The fee for the Final Examination for the Ordinary B.A. or B.Sc. Degree shall be £1.
6. The fee for the Final Examination for the Honours B.A. or B.Sc. Degree shall be £2.
7. A fee of £5 shall be payable on the conferring of the Degrees of B.A. or B.Sc., whether Ordinary or with Honours.
8. A fee of £1 shall be payable on Examination for the M.A. or M.Sc. Degree.
9. A fee of £5 shall be payable on the conferring of the Degree of M.A. or M.Sc.
10. The fee of £10 shall be payable on the conferring of the Degree of Doctor.

### I.

#### REGULATIONS.

#### SUBJECTS FOR THE SEVERAL EXAMINATIONS FOR THE ORDINARY DEGREES OF B.A. AND B.Sc.

##### PRELIMINARY EXAMINATION.

### I.

#### A.

1. *Greek*.—(1) One Prose and one Verse Book selected from the

following: Xenophon, Homer, Euripides; (2) Grammar; (3) Translation at sight of easy Greek passage into English.

2. *Latin*.—(1) One Prose and one Verse Book from the following: Virgil, Ovid, Horace (Odes), Cæsar, Sallust, Livy, Cicero (easier works); (2) Grammar; (3) Translation at sight of an easy Latin passage into English; (4) Translation of easy sentences from English into Latin.

3. *English Language and Composition: English History with Geography*.—(1) Elements of English Grammar; (2) Composition; (3) Elements of general history of the English Language; (4) Outlines of English history from the earliest times; (5) Elements of Political Geography, especially of Great Britain and Ireland.

4. *Pure Mathematics*.—(1) Plane Geometry; Euclid, Books I. to III., and Book VI.; Props. i. to xix. and xxxiii., or the subjects thereof; (2) Elementary Algebra.

5. *One of the following*:—(a) *French*—(1) Grammar; (2) Translation from a French work; (3) Translation at sight of piece of French prose into English; (4) Translation of easy English passage into French. (β) *German*—(1) Grammar; (2) Translation from a German work; (3) Translation at sight of easy German prose into English; (4) Translation of easy English sentences into German. (γ) *Experimental Mechanics*—Properties of Bodies: Statics, Kinetics, and Hydrostatics, treated so as to require only elementary knowledge of Algebra and Geometry. (δ) *Elementary Chemistry*—Laws of chemical combination; chemistry of the non-metallic elements and their compounds.

## II.

### B.

1. *English with History*.—As above.

2. *Mathematics*.—(1) Plane Geometry; Euclid, Books I. to III. and Book VI., Props. i. to xix. and xxxiii., or the subjects thereof; (2) Elementary Algebra; (3) Plane Trigonometry to solution of Triangles, or Practical Plane Geometry (straight line and circle).

3, 4, 5. *Three of the following (either two Sciences and one Language, or one Science and two Languages)*: (1) *Greek*, as in A, above. (2) *Latin*, as in A, above. (3) *French*: a. Grammar; b. Translation from a prose and from a verse work; c. Translation at sight of a passage of French prose into English; d. Translation of an English passage into French. (4) *German*: a. Grammar; b. Translation from a prose and from a verse work; c. Translation at sight of easy German prose into English; d. Translation of an easy English passage into German. (5) *Experimental Mechanics*, as in A, above. (6) *Elementary Chemistry*, as in A, above.

## FOR ORDINARY DEGREE OF B.A.

### INTERMEDIATE EXAMINATIONS.

(Groups A, B, C, D.)

1. *Greek*.—(1) One Prose and one Verse Book selected from the following: Herodotus, Thucydides, Demosthenes (Public Orations), Xenophon, Homer, and the Tragedians. (2) Translation at sight from Greek into English.

2. *Latin*.—(1) One Prose and one Verse Book selected from the follow-



ing: Virgil, Horace, Cicero, Livy, Tacitus. (2) Translation at sight from Latin into English. (3) Translation of easy pieces of English into Latin prose.

3. *Mathematics*.—(1) Elementary Solid Geometry (including Straight Lines, Planes, and Solid Angles; the simpler properties of the Parallelopiped, Prism, Cone, Cylinder, and Sphere, with the Mensuration of these Solids). (2) Plane Trigonometry—to solution of triangles (inclusive).

4. *English Language*.—History of the English Language to or from the Norman Conquest (in alternate years).

5. *English Literature*.—History of a period of English Literature.

6. *Ancient History*.—Outlines of Greek and Roman History, with a selected period.

7. *Modern History*.—A selected period of English History, or a selected period of general Modern History, or of recent English with Continental History.

8. *French*.—(1) Accidence and Syntax. (2) Translation from a selected French Book in verse. (3) Translation at sight of French prose and verse pieces into English. (4) Translation of English passages into French.

9. *German*.—(1) Accidence and Syntax. (2) Translation from a selected German book. (3) Translation at sight of German passages into English. (4) Translation of easy English passage into German.

10. *Logic*.—Deductive and Inductive Logic.

11. *Early English*.—Early English prose. Sweet's *Anglo-Saxon Reader*, with other books selected from the prose works before the Norman Conquest, and from English writers between the Norman Conquest and the close of the 14th century.

#### FINAL EXAMINATION.

##### A (mainly Classical).

1. *Greek*.—(1) One Prose and one Verse Book, selected from the following: Homer, the Tragedians, Aristophanes, Herodotus, Thucydides, the Attic Orators, Plato. (2) Translation at sight from Greek into English. (3) Translation of simple English sentences into Greek.

2. *Latin*.—(1) One Prose and one Verse Book selected from the following: Virgil, Horace, Cicero, Livy, Tacitus, Plautus, Terence, Juvenal. (2) Translation at sight from Latin into English. (3) Translation from English into Latin prose. 1, 2 (4) A paper will also be set in Greek and Latin Grammar, with the History of the Greek and Latin Languages.

3. *Philosophy: Mental Philosophy*.—(1) Psychology and Ethics. (2) One or more prescribed books, or portions of books.

4. *History—Ancient*.—Outlines of Greek and Roman History with a selected period.

#### FINAL EXAMINATION.

##### B (mainly Historical).

1. One of the following—*Greek* or *Latin*, as in Final A above, omitting (3) in either.

2. One of the following—*French* or *German*. (a) *French*.—(1) Translation from a prescribed French book in verse or prose. (2) Translation at sight of French prose and verse pieces into English. (3) Translation of passages of English into French. (b) *German*.—(1) Translation from

a prescribed German book. (2) Translation at sight of German prose and verse passages into English. (3) Translation of passages of English into German.

3. *Ancient History*.—As in Final A, above.

4. *Modern History*.—As in Intermediate Examinations, above.

5. *English Literature*.—A selected period of English Literature.

6. *Political Economy*.—Production and Distribution of Wealth; Principles of Taxation (Adam Smith's *Wealth of Nations*).

#### FINAL EXAMINATION.

C (mainly English and Modern Languages.)

1. *English Language*.—(1) Early English (more especially the Poetical Literature). (2) Gothic; some portion of Ulfilas' Translation of the Bible.

2. *English Literature*.—As in Final B, above.

3. *Modern History*.—As in Final B, above.

4. *French*.—As in Final B, above.

5. *German*.—As in Final B, above.

6. *Latin*.—As in Final A, above, omitting (3).

#### FINAL EXAMINATION.

D (mainly Philosophical).

1. *Philosophy*.—As in Final A, above.

2. *History of Philosophy*.—(1) General Outlines of the History of Philosophy, Ancient and Modern. (2) Special study of certain works, or portions of works, to be prescribed from year to year.

3. *Greek*.—As in Final A, above, omitting (3) and (4).

4. One of the following—*French* or *German*.—As in Final B, above.

5. *Ancient History*.—As in Final B, above.

#### FOR ORDINARY DEGREE OF B.Sc.

##### INTERMEDIATE EXAMINATION.

A (Mathematical).

1. *Pure Mathematics*.—(1) Elementary Solid Geometry. (2) Algebra, with Elements of Theory of Equations. (3) Plane Trigonometry—to solution of triangles.

2. *Applied Mathematics*.—(1) Statics and Kinetics of a Particle as far as they can be taken without Differential and Integral Calculus. (2) Geometrical Optics.

3. *Physics*.—The Laws of Energy; the chief phenomena of Sound, Heat, Light, Electricity, and Magnetism treated in an elementary manner.

4. *Logic*.—As in Intermediate Examination for B.A. above.

5. One of the following: *Chemistry* or *Elementary Biology*.—(1) *Chemistry*: Chemistry of Metals, and Introduction to Organic Chemistry. (2) *Elementary Biology*: Elementary Physiology, Morphology, and Histology, both Animal and Vegetable.

6. One of the following: (1) An Ancient Language—*Greek* or *Latin*, as in Intermediate Examination for B.A. (2) A Modern Continental Language—*French* or *German*, as in Intermediate Examination for B.A. (3) *English Language and Literature*, as in Intermediate Examination for B.A.

## FINAL EXAMINATION.

## A (Mathematics).

1. *Pure Mathematics*.—(1) Analytical Plane Geometry, up to General Equation of Second Degree. (2) Differential Calculus and easy portions of Integral Calculus.

2. *Applied Mathematics*.—(1) Kinematics ; Statics of a Particle and a Rigid Body (exclusive of Attractions and Elasticity). (2) Hydrostatics. (3) Kinetics of a Particle and a Rigid Body (elementary).

3. *Physics, with Practical Work*.—(1) Principles of the more important Physical Instruments. (2) Practical Examination in the Laboratory.

4. Any one of the following :—(1)\* *Elementary Biology*, as in Intermediate B.Sc. Group A, above. (2)\* *Chemistry*, as in Intermediate B.Sc. Group A, above. (3) *Philosophy*, as in Final B.A. Group A, above. (4) Any one of the following :—*An Ancient or a Modern Continental Language*, or *English Language and English Literature*, as in Final B.A. Groups A or B, above.

## INTERMEDIATE EXAMINATION.

## B (Engineering).

1. *Engineering, with Drawing*.—Either of the two following combinations :—(i.) (1) Plane Geodesy or Surveying, Levelling, Hydrography, Estimating ; (2) Descriptive Engineering, Earthwork and Masonry ; (3)† Elementary Practical Geometry ; (4) Linear Drawing. (ii.) (1) Theory of concrete forces, of simple structures, of the strength of materials ; (2) Kinematics of Machinery ; (3) Descriptive Engineering—Bridges, Roofs, and Machines ; (4)† Linear Drawing.

2. *Pure Mathematics*, as in Intermediate B.Sc. Group A, above.

3. Either of the following : (1) *Applied Mathematics*, as in Intermediate B.Sc. Group A, above. (2) *Physics*, as in Intermediate B.Sc. Group A, above.

4. *Chemistry*, as in Intermediate B.Sc. Group A, above.

5. *French or German*, as in Intermediate B.Sc. Group A, above.

## FINAL EXAMINATION.

## B (Engineering).

1. *Engineering with Drawing*.—Either as in Intermediate C, above ; provided that combination i. is passed for the Final Examination when combination ii. has been passed for the Intermediate ; and *vice versa*, or the following combination : (c) Dynamics of Machinery, Hydraulics, the Steam Engine, Complex Structures. Methods of Designing Structures and Machines.‡ Provided that combination ii. has been passed for the Intermediate Examination.

2. *Pure Mathematics*.—(1) Analytical Plane Geometry up to General Equation of Second Degree. (2) Differentiation and Integration.

3. Any two of the following :§ (i.) *Physics*, as in Intermediate B.Sc.

\* Provided that the candidate has not presented this subject at his Intermediate Examination.

† A separate paper will be set in Drawing.

‡ A separate paper will be set in Drawing.

§ Provided that Applied Mathematics be taken at either the Intermediate or the Final Examination.

Group A, above. (ii.) *Geology*: (1) Physical Structure and Classification of Rocks. (2) Economic Geology. (iii.) *Applied Mathematics*, as in Intermediate B.Sc. Group A, above.

#### INTERMEDIATE EXAMINATION.

##### C (Experimental Science).

1. *Pure Mathematics*, as in Intermediate B.Sc. Group A, above.
2. *Physics*, as in Intermediate B.Sc. Group A, above.
3. *Chemistry*, as in Intermediate B.Sc. Group A, above.
4. One of the following: (i.) *Elementary Biology*, as in Intermediate B.Sc. Group A, above. (ii.) *Logic*, as in Intermediate B.A., above. (iii.) *Physiography*: (1) The Agents at work on and beneath the Surface of the Earth; (2) The Phenomena dependent on Heat; (3) The Distribution of Land and Water; (4) The Distribution of Life; (5) The Earth in relation to the Heavenly Bodies; (6) The Ancient History of the Earth.
5. Any one of the following: *An Ancient or a Modern Language, or English Language and Literature*, as in Intermediate B.A., above.

#### FINAL EXAMINATION.

##### C (Experimental Science).

1. One of the following: (i.) *Applied Mathematics*, as in Intermediate B.Sc. Group A, above. (ii.) *Geology and Mineralogy*. Geology: as in Final B.Sc. Group B, above. Elementary Mineralogy: The Chemical properties and classification of Minerals; Practical Mineralogy.
2. *Physics with Practical Work*, as in Final B.Sc. Group A, above.
3. *Chemistry*: (i.) General Organic Chemistry. (ii.) Chemical Philosophy (relation of Chemistry to Physics: Chemical Laws and Theories; Development of Modern Chemistry, with outlines of History of Chemistry.)
4. *Practical Chemistry*.—Qualitative Analysis.

#### INTERMEDIATE EXAMINATION.

##### D (Biology).

1. *Physics*.—As in Intermediate B.Sc. Group A, above.
2. *Chemistry*.—As in Intermediate B.Sc. Group A, above.
3. *Elementary Biology*.—As in Intermediate B.Sc. Group A, above.
4. Any one of the following: (i.) *Pure Mathematics*.—As in Intermediate B.Sc. Group A, above. (ii.) *Logic*.—As in Intermediate B.A., above. (iii.) *Physiography*.—As in Intermediate B.Sc. Group C, above.
5. Any one of the following: *An Ancient or a Modern Continental Language, or English Language and Literature*.—As in Intermediate B.A., above.

#### FINAL EXAMINATION.

##### D (Biology).

1, 2, 3. Any three of the following :—\*

1. *Botany*.—(1) Elementary Tissues of Plants; Compound organs of

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\* Provided that at least two of the three required subjects are chosen from among 1, 2, 3, 4, and provided that any candidate selecting Philosophy as one subject shall also present himself in Physiology.

Nutrition and Reproduction. (2) Vegetable Physiology. (3) Systematic Botany and Elements of Botanical Classification. (4) Laboratory Work.

2. *Zoology*.—(1) Animal Morphology. (2) Elements of Embryology and of Systematic Zoology. (3) Laboratory Work.

3. *Physiology*.—(1) Histology of the Animal Body. (2) Systematic Physiology of the Animal Body. (3) Laboratory work in Histology and Physiological Chemistry, with a Practical Examination on the more important instruments employed in Physiological research.

4. *Geology, with Palæontology*.

5. *Chemistry*.—(1) General Organic Chemistry. (2) Practical Chemistry, Qualitative Analysis.

6. *Physics, with Practical Work*.—As in Final B.Sc. Group A, above.

7. *Philosophy: Mental Philosophy*.—As in Final B.A. Group A, above.

## II.

### REGULATIONS FOR FINAL EXAMINATION FOR DEGREES OF B.A. AND B.Sc. WITH HONOURS.

#### FACULTY OF ARTS.

##### 1.—HONOURS SCHOOL. CLASSICS.

##### A.—SUBJECTS OF EXAMINATION.

(*Eleven Papers.*)

1, 2. Translation from Greek books, previously specified, with questions arising out of them.\* 3, 4. Translation from Latin books, previously specified, with questions arising out of them.† 5. Translation, at sight, from Greek authors. 6. Translation, at sight, from Latin authors. 7. Translation from English into Greek prose.‡ 8. Translation from English into Latin prose.‡ 9. Greek and Roman History, Literature, and Antiquities. 10, 11. Greek and Latin Grammar and Philology (2 papers). 12. History of Ancient Philosophy.

##### B.—REGULATIONS FOR ATTENDANCE.

All candidates shall present certificates of having attended, (1) during three academic years, College lectures in the Greek and Latin authors in Translation and Composition, averaging not less than twelve hours weekly during the first two years, and not less than eight hours weekly during the third year; (2) during two academic years, courses of College instruction in Greek and Roman History, averaging not less than two hours

\* The following are books prescribed for 1883: Homer, *Iliad*, Bks. I.—XII.; Homer, *Odyssey*, Bks. VII.—XII.; Æschylus, *Agamemnon*, *Eumenides*, *Septem contra Thebas*; Sophocles, *Antigone*, *Œdipus Coloneus*, *Electra*; Euripides, *Bacchæ*, *Medea*, *Hercules Furens*; Aristophanes, *Acharnians*, *Clouds*, *Frogs*; Herodotus, Bks. VII.—IX.; Thucydides, Bks. I., II., IV., VI.; Demosthenes, *De Corona*, *De Falsa Legatione*, *In Midiam*; Plato, *Republic*, I., VI., VII., VIII.; Aristotle, *Ethics*, I., II., X.; *Politics*, I., II., III.

† The following are the books prescribed for 1883: Plautus, *Captivi*, *Miles Gloriosus*, *Rudens*, *Trinummus*; Terence, *Andria*, *Adelphi*, *Phormio*; Lucretius, Bks. I., II., III.; Virgil, Horace; Juvenal, *Satires*, I., III., IV., V., VII., X., XIV.; Persius, *Satires*, I., II., III., V.; Cicero, *De Oratore*, *De Officiis*, *Epistles to Atticus* I., II., *Pro Cluentio*, *Pro Murena*, *Pro Plancio*; Livy, Bks. VIII.—X. and XXI., XXII.; Tacitus, *Annals*, Bks. I.—VI.

‡ A piece or pieces of verse composition will be set as an alternative for part of the prose composition.



weekly ; (3) during one academic year, upon a course of lectures on Comparative Philology in its bearings upon the structure and history of the Greek and Latin languages, averaging not less than two hours weekly ; (4) during one academic year, upon courses of instruction in Greek and Roman Literature and Antiquities, averaging not less than two hours weekly ; and in Ancient Philosophy, averaging one hour weekly.

## II.—HONOURS SCHOOL. ENGLISH LANGUAGE.

### A.—SUBJECTS OF EXAMINATION.

(*Ten Papers.*)

1—4. Specimens of English, with questions suggested by them. 5. History of the Language. 6. Gothic. 7. Icelandic or Old Saxon. 8. The philology and outlines of the history of the Teutonic Languages. 9. Old French. 10. Essays on subjects connected with the matter treated of in the foregoing papers.

### B.—REGULATIONS FOR ATTENDANCE.

The candidate shall present certificates of having attended, (1) during three academic years, systematic courses on English Language, including the History of the Language, the special study of Early English Prose and Verse, and Gothic with either Icelandic or Old Saxon, averaging not less than three hours weekly ; (2) during three academic years, courses of instruction in English Literature, averaging not fewer than two hours weekly, and in History, averaging not fewer than two hours weekly ; provided that during *two* academic years *English* History is taken ; (3) during *two* academic years, courses of instruction in French and German, averaging not less than two hours weekly in each subject, and during a third academic year courses of instruction in Old French or History of the French Language, in History of the German Language, and in German Literature, averaging not less than one hour weekly in each subject ; (4) during the first year of his Honours course, a course of instruction in Latin or Greek, averaging six hours weekly, and during the second or third year of his Honours Course a course of instruction in Comparative Philology, averaging two hours weekly.

## III.—HONOURS SCHOOL. HISTORY.

### A.—SUBJECTS OF EXAMINATION.

(*Ten Papers.*)

1, 2. General History and Geography. 3, 4. English (including Constitutional) History. 5. Essays on general Historical subjects. 6—9. Each candidate shall be examined in two selected subjects, two papers being given to each subject. Of the subjects selected, and announced at a proper interval of time, for each year's examination, one at least shall be taken from English, one from Ancient, one from General Mediæval, one from General Modern History.\* 10. Essays on themes connected with the subjects selected (under 6—9) by candidates. The following

\* In Papers 6, 7, 8, 9, evidence will be expected of some knowledge of the chief original sources. The questions will assume some knowledge of English Literature, Archæology, Elements of International Law and the History of Treaties, Political Economy and Economic History, and the principles of Political Philosophy.

are the periods selected for 1883 : (1) The History of Egypt, from the accession of Amasis to the battle of Actium. (2) The Origin of Feudalism, and its growth in France, Germany, and England, to the end of first Crusade. (3) The Thirty Years' War. (4) The American War of Independence, and its causes.

#### B.—REGULATIONS FOR ATTENDANCE.

Candidates shall present certificates of having attended, (1) during three academic years, College courses of instruction in *History*, averaging not less than four hours weekly ; (2) during three academic years, College courses in *either* Latin and Greek *or* Latin with French and German, averaging not less than six hours weekly ; (3) during the *first* and *second* years of his Honours course, College courses in English Language and Literature, averaging not less than three hours weekly ; (4) during the second or third years of his Honours course, College courses in Political Economy and in the History of the English Law.

### IV.—HONOURS SCHOOLS. PHILOSOPHY.

#### A.—SUBJECTS OF EXAMINATION.

(*Ten Papers.*)

I. Obligatory. 1. Logic, Deductive and Inductive, with General Theory of Knowledge and History of Logical Theories. 2. Psychology, with reference to the History of the chief Doctrines. 3. Theory of Ethics and History of Ethical Systems. 4. Outlines of History of Philosophy, with more particular study of Modern Philosophy, from Descartes to Kant inclusive.

II. Any two of the following : 1. Physiological Psychology, including the Physiology of the Nervous System generally, and of the Organs of Sense in particular, together with the principles and methods of Psychophysics. 2. Ethics in relation to Theory of Legislation and Sociology, with the History of Ethical and Legal Institutions. 3. Some selected period of (A) Ancient, or (B) Modern Philosophy. Study of the original authors will in all cases be required.

NOTE.—*The periods recommended are, A. 1. Greek Philosophy before Plato ; 2. Plato ; 3. Aristotle ; 4. Post-Aristotelian Philosophy. B. 1. Descartes, Malebranche, Spinoza ; 2. Spinoza and Leibnitz ; 3. English Philosophy from Locke to Hume, with reference, on the one hand, to Bacon and Hobbes, on the other, to Reid and the Scottish Philosophy ; 4. Kant.*

#### B.—REGULATIONS FOR ATTENDANCE.

Candidates shall present certificates of having attended, (1) during two academic years, College courses in Psychology and Logic, Ethics, and General History of Philosophy, averaging not less than four hours weekly, and during a third academic year advanced courses on each of these subjects, averaging not less than five hours weekly ; (2) during the first and second years of the Honours course, Latin and Mathematics for one academic year, and either Greek or German for two academic years ; (3) one of the following courses :—(A) History, including full courses of Ancient and Modern History for two academic years, averaging not less than four hours weekly, with Political Economy and History of English Law for one year. [A course of General History may be substituted for

one of the courses of Ancient or Modern History.] (B) Physiology, with Physics or Chemistry, including full courses of Physiology for two academic years, and a course of either Physics or Chemistry for one year. [A course of Elementary Biology may be substituted for one of the courses of Physiology. If the student has not satisfied the Examiners in Elementary Chemistry at his Preliminary Examination, he shall be required to attend both Physics and Chemistry for one year.]

## FACULTY OF SCIENCE.

### V.—HONOURS SCHOOL. MATHEMATICS.

#### A.—SUBJECTS OF EXAMINATION.

The Examination in the above subjects shall comprise ten papers, viz.:—1. Geometry, Algebra, Trigonometry. 2. Dynamics, Optics, Astronomy. 3. Problems. (Portions not requiring the Differential Calculus.) 4. Analytical Plane and Solid Geometry. 5. Differential and Integral Calculus. 6. Dynamics of a Particle, Statics. 7. Problems. 8. Dynamics of Fluids and Rigid Dynamics. 9. Pure Mathematics—General Paper, but mainly on the higher parts. 10. Mixed Mathematics—General Paper, but mainly on the higher parts.

#### B.—REGULATIONS FOR ATTENDANCE.

Candidates shall present certificates of having attended, (1) during three academic years, College courses in pure Mathematics, averaging not less than three hours weekly; (2) during three academic years, College courses in Applied Mathematics or Mathematical Physics, averaging not less than three hours weekly; (3) during the first year of the Honours course, courses of lectures in at least two subjects in addition to Pure and Applied Mathematics, averaging not less than six hours weekly, and during the second year of the Honours course, laboratory work or courses of lectures on at least two subjects in addition to Pure and Applied Mathematics, averaging not less than six hours weekly.

### VI.—HONOURS SCHOOL. ENGINEERING.

#### A.—SUBJECTS OF EXAMINATION.

*(Ten Papers.)*

I. ENGINEERING, including the following subjects, in which seven papers shall be set:—Linear and Angular Measurement, Plane Geodesy or surveying, Levelling, Hydrography, Estimating, Descriptive Engineering—earthwork and masonry, Elementary Practical Geometry, Linear Drawing, the theory of concrete forces, the theory of simple structures, the theory of the strength of materials, Kinematics of machinery, descriptive Engineering—bridges, roofs, and machines, Dynamics of machines, Hydraulics, the theory of heat and steam-engines, the theory of complex structures, methods of designing structures and machines.

II. MATHEMATICS, in which three papers shall be set on the following subjects:—1. Analytical Plane and Solid Geometry. 2. Differential and Integral Calculus. 3. *Either* Dynamics of a Particle and Statics, *or* Dynamics of Solid and Fluid Bodies.

#### B.—REGULATIONS FOR ATTENDANCE.

Candidates shall present certificates of having attended, (1) during

three academic years, courses in Engineering, averaging three hours (lectures) per week in the first year, four hours (lectures) per week in the second year, and four hours (lectures) per week in the third year, with practical work for about seven hours weekly in each year; (2) during two academic years, courses of three hours weekly in Pure Mathematics, and a course of three hours weekly in Natural Philosophy, and in the third year a course of three hours weekly either in Pure or in Applied Mathematics; (3) during one academic year, a course of two hours weekly in Chemistry, and a course of three hours weekly either in Physics or in Geology.

## VII.—HONOURS SCHOOL. CHEMISTRY.

### A.—SUBJECTS OF EXAMINATION.

I. Six papers:—1. General Inorganic Chemistry. 2. General Organic Chemistry. 3. Chemical Physics. 4. Advanced paper, to be either in Inorganic or in Organic Chemistry, at the option of the candidate. 5. Analytical Chemistry; Qualitative and Quantitative Analysis. 6. One of the following subjects:—Chemical Geology and Mineralogy; Technological Chemistry; Physiological Chemistry. The questions will assume some knowledge of Mathematics, Physics, and the principles of Biological and Geological Science.

II. *Practical examination* in Qualitative and Quantitative Chemical Analysis, extending over three days.

### B.—REGULATIONS FOR ATTENDANCE.

Candidates shall present certificates of having attended, (A) during the first and second years of their Honours course, courses in Systematic Chemistry, averaging two hours weekly; during the second and third years of their Honours course, courses in Organic Chemistry, averaging two hours weekly; during the first year of their Honours course, a course of Analytical Chemistry, averaging one hour weekly; and during a third year a course of Chemical Philosophy, averaging one hour weekly; (B) during the first year of their Honours course, courses averaging from four to six hours weekly, in *two* of the following subjects:—(1) Mathematics, (2) Mechanics, (3) Mineralogy, (4) General Biology, (5) Geology; during the second year of their Honours course, a course in Experimental Physics (three hours weekly); and during the third year a course (averaging from two to three hours weekly) in *one* of the following subjects:—(1) Chemical Geology and Mineralogy, (2) Technological Chemistry, (3) Physiological Chemistry; (C\*) during the first year of their Honours course, the Chemical Laboratory for three days (= 18 hours) per week; during the second year, the Chemical Laboratory for three days (= 18 hours) per week, and the Physical Laboratory for one day (= 6 hours) per week; during the third year, the Chemical Laboratory for six days (= say 30 hours) per week.

\* Candidates, as above stated, are required to take regular courses of laboratory work; but any candidate who can produce satisfactory evidence that his knowledge is sufficient to make it unnecessary for him to pursue such regular courses, shall be allowed, on recommendation of the Departmental Board accepted by the General Board of Studies, to proceed to more advanced work or to undertake original investigations, and such advanced work or original investigation may be accepted as substitute for the required Honours course of laboratory work, provided always that all candidates shall be required to undergo the whole of the Honours Examination in laboratory work.



## VIII.—HONOURS SCHOOL. ZOOLOGY.

## A.—SUBJECTS OF EXAMINATION.

- I. Five papers. 1—3. Zoology, Comparative Anatomy, Embryology.  
4. Geology and Palæontology. 5. *Either* Physiology *or* Botany.

II. Practical Examination in Laboratory, extending over two days and a half.

## B.—REGULATIONS FOR ATTENDANCE.

Candidates presenting themselves for Honours Examination in Zoology are required to have passed the Intermediate Examination for Ordinary Degree of B.Sc. in the department of Biology (Group D), and shall present certificates of having attended (1) during at least one academic year the classes required for the Intermediate Examination for Ordinary Degree (Group D); (2) during *two* academic years after the date of passing the Intermediate Examination courses of instruction in Zoology, averaging during the first year not less than *three* hours weekly, and during the second year at least *two* hours weekly, and during these two years in the Zoological Laboratory;\* (3) during one academic year a course in Embryology, averaging one hour weekly; and during one academic year courses in (a) Geology, (b) Palæontology, (c) Physiology, *or* Botany.

## IX.—HONOURS SCHOOL. PHYSIOLOGY.

## A.—SUBJECTS OF EXAMINATION.

- I. Four papers. 1—3. Animal Physiology. 4. *One* of the following subjects: Physics, with practical work; Organic Chemistry, with practical work; Comparative Anatomy, with practical work; Psychology.

II. Practical Examination, extending over three days.

## B.—REGULATIONS FOR ATTENDANCE.

Candidates presenting themselves for Honours Examination in Physiology are required to have passed the Intermediate Examination for Ordinary Degree of B.Sc. in the department of Biology (Group D), and to present certificates of having attended, (1) during at least one academic year, the classes required for the Intermediate Examination for Ordinary Degree (Group D); (2) during *two* academic years from the date of passing his Intermediate Examination, full courses of instruction in Physiology, including laboratory work;\* (3) during one academic year, one of the following courses: (a) Mathematics, averaging not less than three hours weekly, the classes not being junior or elementary; (b) Physics, with laboratory work, the lectures averaging not less than two to three hours weekly; (c) Chemistry, with laboratory work, the lectures averaging not less than three weekly, and the classes not being junior or elementary; (d) Human Anatomy, with practical work; (e) Zoology, with laboratory work, the lectures averaging not less than three hours weekly; (f) Psychology, the lectures averaging not less than three hours weekly; (4) during one academic year, courses in one of the following: (a) Practical Physics, with laboratory work; (b) Organic Chemistry, with laboratory work; (c) Comparative Anatomy, with laboratory work, the lectures averaging not less than two hours weekly; (d) Advanced Psychology, the lectures averaging not less than two hours weekly.

\* See note, p. 172.



## X.—HONOURS SCHOOL. GEOLOGY, MINERALOGY, AND PALÆONTOLOGY.

## A.—SUBJECTS OF EXAMINATION.

*Branch I.—PHYSICAL.*

(a) Six papers. 1. Geology. 2, 3. Mineralogy and Petrology. 4. Special paper in some department of one of the above subjects, selected by the candidate, with the approval of the General Board of Studies. 5. Chemical Geology. 6. Practical Physics *or* Palæontology. (b) Practical Examination extending over two days.

*Branch II.—BIOLOGICAL.*

(a) Five papers. 1, 2. Palæontology. 3. Special paper on some subjects in Palæontology, selected by the candidate, with the approval of the General Board of Studies. 4. Geology. 5. Zoology and Botany. (b) Practical Examination extending over two days and a half.

## B.—REGULATIONS FOR ATTENDANCE.

Candidates for Degree of B.Sc. with Honours in the School of Geology, Mineralogy, and Palæontology are required to present certificates (a) of having passed the Intermediate Examinations for Ordinary Degree of B.Sc. in Biology (Group D), and of having attended for at least one year the classes required for such examination, Physiography being included; (b) of having attended during the second year of their Honours course either of the following courses:—(1) If in Branch I., Courses of Lectures in Geology, averaging three hours weekly, with one hour weekly practical work; in Chemistry, averaging two hours weekly, with one day and a half (= 9 hours) weekly laboratory work; in Elementary Mineralogy, averaging two hours weekly; and *either* in Pure Mathematics, averaging three hours weekly, *or* in Zoology, averaging three hours weekly, with one hour weekly practical work. (2) If in Branch II., Courses as in (1) in Geology, Chemistry, and Elementary Mineralogy, together with a course in Zoology, averaging three hours weekly, with one hour weekly practical work. (c) Of having attended during the third year of their Honours course either of the following:—(1) If in Branch I., Courses of Lectures in Chemical Geology and Petrology, averaging two hours weekly, with three hours weekly practical work; in Advanced Mineralogy, two hours weekly and one hour weekly practical work; *either* in Applied Mathematics, averaging three hours weekly, *or* in Palæontology, averaging two hours weekly, with one hour practical work; and in Practical Physics, averaging one day (= 6 hours) weekly. (2) If in Branch II., Courses in Palæontology, averaging two hours weekly, with four hours weekly practical work; in Advanced Zoology, averaging two hours weekly, with four hours weekly practical work; Embryology, averaging one hour weekly with two hours weekly practical work; and Botany, averaging one to two hours weekly, with one to two hours weekly practical work. (d) And of having, during the third year of their Honours course, devoted at least one hour weekly to work under the direction of the Professor or Lecturer in the special subject selected by them to be presented at the examination for Honours.

## STATUTE REGARDING DEGREES EXAMINATIONS, AND COURSES OF STUDY IN THE FACULTY OF LAW.

1. All Candidates for the Degree of Bachelor of Laws are required to

have passed the Preliminary Examination or to have graduated in this or some other University of the United Kingdom.

2. The examination for the Degree of Bachelor of Laws is divided into two parts, called respectively the Intermediate and the Final Examination. The Intermediate and the Final Examinations shall be held in June or July.

3. The names of Candidates who have passed the Intermediate Examination shall be published in two classes, and of those who have passed the Final Examination in three classes, in alphabetical order.

4. At the Intermediate Examination, Candidates shall be examined in—*a.* Roman Law; *b.* English Public Law and Constitutional History; *c.* Jurisprudence; *d.* Logic or Ethics, or some other subject approved by the Council.

5. At the Final Examination, Candidates shall be examined in—*a.* English Law; *b.* Roman Law. In English Law, Candidates will be expected to show a general knowledge of the principles of the Law of Contracts, Torts, Real and Personal Property, Crimes, and Procedure; and a more detailed knowledge of two of the following, to be selected by the Candidate:—Conveyancing, Bailments, Sale, Trusts, Easements, Torts, Crimes, Evidence. In Roman Law, Candidates will be examined in some special subject to be selected from time to time by the Board of Studies, as well as in the general principles of Roman Law.

6. At the Final Examination, papers will also be set in the following special subjects:—(*a.*) International Law, (*b.*) Constitutional Law, (*c.*) Conflict of Laws, (*d.*) Some portion of a foreign code to be compared with the English Law on the same subject; and Candidates who desire a place in the first class are expected to offer themselves for examination in one or in two of these subjects.

7. Candidates for the Intermediate Examination will be required to present certificates of attendance on a course of study approved by the University in the Law Department of a College of the University for one year.

8. Candidates for the Final Examination will be required to present certificates of attendance on a course of study approved by the University in the Law Department of a College of the University for two years, after passing the Intermediate Examination.

9. Graduates in any other faculty of this or any other University of the United Kingdom may proceed to the Final Examination after two instead of after three years' study in the Law Department.

### III.

#### AS TO THE ACCEPTANCE BY THE UNIVERSITY OF CERTAIN EXAMINATIONS OF THE UNIVERSITY OF LONDON, PASSED BY STUDENTS OF THE OWENS COLLEGE.

1. Students of the Owens College, who have passed the First B.A. or First B.Sc. Examinations of the University of London in or before July, 1881, and who shall have presented certificates of such attendance on classes in the Owens College prior to having passed the First B.A. or First B.Sc. Examinations as shall be accepted by the General Board of Studies, shall be permitted to proceed to any of the Final Examinations for the Ordinary Degree of B.A. or B.Sc. respectively in this University,

provided that they shall have attended the final year's course required by the University for these Examinations.

2. In the case of students of the Owens College who have passed the Matriculation Examination of the University of London, such attendance on classes of the Owens College subsequent to their having passed that examination as shall be accepted by the General Board of Studies shall be regarded as satisfying the requirements of the University regarding attendance in any one of the Honours Schools of the University.

## UNIVERSITY SCHOLARSHIPS AND PRIZES.

### DERBY SCHOLARSHIPS.

The scholarships for the encouragement of the study of Mathematics were founded in 1880 by the Right Honourable the Earl of Derby, who endowed the University with the sum of two thousand pounds. From the annual returns on the investment of this sum, two scholarships of equal value have been founded, and are offered under the following regulations:—1. The Scholarships shall be two in number, tenable for two years; one to be offered in each year for proficiency in Pure and Applied Mathematics. 2. The Examination for the Scholarships shall be the Final Examination for B.Sc. Degree with Honours in the School of Mathematics, and the competition shall be open to all candidates for honours in the said School. 3. The Examiners shall be the University Examiners in Pure and Applied Mathematics for the time being. 4. The holder of a Derby Scholarship shall be allowed to expend any portion of the annual income of his Scholarship on books, to be bound and stamped with the University Arms. 5. Any accumulations of the Derby Scholarship Fund shall be expended by the Council, as it may from time to time determine, after considering a report from the General Board of Studies, in money prizes, or book prizes, or exhibitions, for the encouragement of the study of Mathematics in the University.

### MERCER SCHOLARSHIP.

A sum of 1,000*l.* has been bequeathed by the late Robert Clayton Mercer, Esq., of Accrington, for the foundation of a Scholarship or Scholarships in Chemistry. The conditions of tenure are under the consideration of the University Court.

### COBDEN PRIZE.

A prize of the value of £60, to be awarded once in three years, was offered to the University by the Committee of the Cobden Club, and was accepted by Resolution of the University Council on the 13th December 1880. The following are the conditions:—1. The prize shall be awarded for an Essay on some subject connected with Political Economy, and shall be payable in money to the successful candidate. 2. The candidates for the prize shall be members of the University, who, having commenced residence, are not of more than three years' standing from their first Degree on the first day of the Easter Term of the academical year in which the subject is announced. 3. The adjudicators shall be the Professors or Lecturers of the University in Political Economy for the time being, and two persons to be nominated by the Vice-Chancellor and the donors respectively, and appointed by resolution of the University

Council; and the prize shall be awarded to the writer of the Essay which, in the judgment of a majority of the adjudicators, certified under their hands to the Vice-Chancellor, is the most deserving. 4. The subject of the prize shall be fixed by the adjudicators, or a majority of them; but the subject of the first prize shall be fixed by the donors, subject to the approval of the Vice-Chancellor and the Professors or Lecturers in Political Economy. 5. The times when the adjudicators shall be appointed, the subject announced, and the Essays sent in, shall be fixed from time to time by resolution of the University Council. 6. The donors of the prize reserve to themselves the right to determine the said prize on giving one year's notice to the Vice-Chancellor. 7. The prize shall be called the "Cobden Prize."



## THE OWENS COLLEGE.

*Founded under the will of the late John Owens, of Manchester, Merchant, 1851.  
Reconstituted and Incorporated by Act of Parliament, 1st September, 1871.*

The Governors of the University College, Liverpool, have decided that it should be affiliated to Victoria University, but Owens College is the first College incorporated with Victoria University, Manchester.

The Court of Governors consists of the President of the College, His Grace the Duke of Devonshire, K.G., LL.D., F.R.S., and 43 Governors.

This College was founded under the will of John Owens, of Manchester, merchant, 1851. Incorporated by Act of Parliament 1st September, 1871.

The College has no accommodation for the residence of Students, but Halls of Residence for Students are licensed by the College under bye-laws adopted by the Court of Governors. One of such halls is now open, and others are expected to be established in a short time.

Some of the Professors and other Officers of the College receive Students to board with them at their own houses. A list of these, with their addresses, will be furnished by the Registrar on application, but the College does not undertake to make arrangements between such Professors or Officers and the parents or guardians of Students.

There is also open at the College a Register of Lodging Houses kept by persons who are willing to conform to certain rules of discipline which have been laid down by the College; whilst doing all in its power to enforce these regulations, it is to be distinctly understood that the College is unable to hold itself responsible for their due fulfilment.

## GRADUATION.

The College courses are primarily arranged to suit the requirements of the Victoria University for the Ordinary and Honours Degrees in Arts and Science, but many of the classes are likewise suited to Students who are preparing for the examinations of the University of London.

Students desirous of obtaining the Degrees of the University of London in Arts and Science may pass all their Examinations within the College, except the Practical Examinations for the B.Sc. Degrees, which are only held in London.

*Treasurer*—Alfred Neild, Esq.  
*Principal*—J. G. Greenwood, Esq., LL.D.  
*Solicitor and Hon. Secretary*—John P. Ashton.  
*Registrar and Acting Secretary*—J. Holme Nicholson.

PROFESSORS, LECTURERS, AND OTHER OFFICERS OF THE  
 COLLEGE.

I.—ARTS, SCIENCE, AND LAW DEPARTMENT.

*Greek*—Professor J. G. Greenwood, B.A., LL.D.  
*Latin and Comparative Philology*—Professor A. S. Wilkins, M.A.  
*Assistant Lecturer in Greek and Latin*—Edwin B. England, M.A.  
*English Literature and History*—Professor A. W. Ward, LL.D., M.A.  
*English Language*—Smith Professor, T. Northcote Toller, M.A.  
*Pure Mathematics*—Professor Thomas Barker, M.A.  
*Assistant Lecturers*—Fielden Lecturer, J. E. A. Steggall, M.A.; R. F. Gwyther, M.A.  
*Applied Mathematics*—Professor Arthur Schuster, Ph.D., F.R.S.  
*Physics and Physical Laboratory*—Langworthy Professor, Balfour Stewart, LL.D., M.A., F.R.S.; Professor Thomas H. Core, M.A.  
*Demonstrator in the Physical Laboratory*—W. W. Haldane Gee.  
*Civil and Mechanical Engineering and Geometrical and Mechanical Drawing*—Professor Osborne Reynolds, M.A., F.R.S.  
*Assistant Lecturer*—John B. Millar, B.A.  
*Logic, Mental and Moral Philosophy, and Political Economy*—Professor Robert Adamson, M.A.  
*Jurisprudence and Law*—Professor Alfred Hopkinson, M.A., B.C.L.  
*Special Lecturers*—John Gent, M.A.; J. S. Cotton, M.A.; J. K. Bradbury, M.A.; Geo. H. Emmott, B.A., LL.B.  
*Chemistry and Metallurgy*—Professor H. E. Roscoe, LL.D., Ph.D., F.R.S.  
*Organic Chemistry*—Professor C. Schorlemmer, F.R.S.  
*Demonstrators and Assistant Lecturers in Chemistry*—W. C. Williams, F.C.S.; P. P. Bedson, D.Sc. (Lond.), F.C.S.; Watson Smith, F.C.S., F.I.C.  
*Zoology*—Professor A. Milnes Marshall, M.A., D.Sc.  
*Botany*—Professor W. C. Williamson, F.R.S.  
*Demonstrator and Assistant Lecturer in Biology*—Marcus M. Hartog, M.A., B.Sc.  
*Physiology and Histology*—Brackenbury Professor, Arthur Gamgee, M.D., F.R.S.  
*Geology, Palæontology, and Physiography*—Professor W. Boyd Dawkins, M.A., F.R.S., F.G.S.  
*Mineralogy and Petrology*—Lecturer, Charles A. Burghardt, Ph.D.  
*Oriental Languages*—Professor T. Theodores.  
*French Language and Literature*—Lecturer, J. F. H. Lallemand, B.-ès-Sc.  
*German Language and Literature*—Lecturer, Herman Hager, Ph.D.  
*Freehand Drawing*—Lecturer, William Walker.  
*Harmony and Musical Composition*—Lecturers, Edward Hecht and Henry Hiles, Mus.D.

II.—MEDICAL DEPARTMENT.

*Dean of the Medical School*—Professor A. Gamgee, M.D., F.R.S.



*Physiology and Histology*—Brackenbury Professor, Arthur Gamgee, M.D., F.R.S.

*Anatomy, Descriptive and Practical*—Professor Morrison Watson, M.D. (Edin.), F.R.S.E.

*Demonstrators in Anatomy*—Alexander Fraser, M.B., C.M. (Vacant.)

*Zoology and Comparative Anatomy*—Professor A. Milnes Marshall, M.A., D.Sc.

*Chemistry*—Professor H. E. Roscoe, B.A., Ph.D., F.R.S., D.C.L.

*Organic Chemistry*—Professor C. Schorlemmer, F.R.S.

*Clinical Medicine*—Professor William Roberts, M.D., F.R.S., F.R.C.P.

*Principles and Practice of Medicine*—Professor J. E. Morgan, M.D., M.A. (Oxon.), F.R.C.P.

*Surgery*—Professor Edward Lund, F.R.C.S.

*Practical Surgery*—Thomas Jones, M.B., B.S., F.R.C.S.

*General Pathology and Morbid Anatomy*—Professor Julius Dreschfeld, M.D., M.R.C.P.

*Surgical Pathology*—Alfred H. Young, M.B., F.R.C.S.

*Hospital Instruction*—The Physicians to the Royal Infirmary, the Surgeons to the Royal Infirmary.

*Obstetrics*—Professor John Thorburn, M.D.

*Diseases of Children*—Henry Ashby, M.D.

*Operative Surgery*—Thomas Jones, M.B., F.R.C.S.

*Materia Medica and Therapeutics*—Professor D. J. Leech, M.D. (Lond.), M.R.C.P.

*Medical Jurisprudence*—Chas. J. Cullingworth, M.R.C.P.

*Hygiene*—Arthur Ransome, M.D., M.A. (Cantab.).

*Practical Morbid Histology*—Professor Julius Dreschfeld, M.D., M.R.C.P.

*Mental Diseases*—G. W. Mould, M.R.C.S.

*Ophthalmology*—David Little, M.D. (Edin.)

*Practical Chemistry*—Professor Henry E. Roscoe, F.R.S.

*Embryology*—Professor A. Milnes Marshall, M.A., D.Sc.

*Botany*—Professor W. G. Williamson, F.R.S.

*Demonstrator and Assistant Lecturer in Biology*—Marcus M. Hartog, M.A., B.Sc.

### III.—EVENING CLASSES DEPARTMENT.

The Professors and Lecturers of the College, with the assistance of the following Gentlemen :—

*English Language*—Ernest Adams, Ph.D.

*Spanish*—Señor W. T. Alvarez.

*Phonography*—Henry Pitman.

*Curator of the Manchester Museum*—Professor W. Boyd Dawkins.

Departmental Curators :—

*Zoology and Comparative Anatomy*—Professors Marshall and Watson.

*Botany*—Professor Williamson.

*Mineralogy*—Dr. Burghardt.

*Curator of Medical Museum*—Professor Morrison Watson.

*Curator of Pathological Department of ditto*—Professor Dreschfeld.

*Librarian of the College Library*—J. Taylor Kay.

*Assistant*—W. G. Maudsley.

*Librarian of the Medical Library*—William Dykes.

*Cashier*—Richard Webb.

## SESSION 1883-4.

## ARTS, SCIENCE, AND LAW DEPARTMENT.

The Session is divided into the following terms, viz. :—

|                     | Commencement.    | Termination.   |
|---------------------|------------------|----------------|
| Michaelmas Term ... | 4th October ...  | 23rd December. |
| Lent Term ...       | 10th January ... | 5th April.     |
| Easter Term ...     | 18th April ...   | 23rd June.     |

The College is closed on the Monday in Whitsuntide, 14th May.

## REGULATIONS FOR ADMISSION OF STUDENTS.\*

1. Persons seeking admission as students must have attained the age of 14 years, and those who are under 16 will be required to pass a preliminary examination. Every candidate for admission will be required to produce a testimonial of good character from his last instructor, or such other testimonial as shall be satisfactory to the Principal.

Each student is, on admission, required to sign a declaration that he will observe the Bye-Laws and Regulations of the College for the time being.

A card of admission to the several classes is issued at the office of the College, on the presentation of a certificate, signed by the Principal, and on payment of the fees. No student is entitled to attend the classes until he has complied with this regulation.

Any person who is on the Register of day students of the College in any given Session, will be deemed to continue as a student, unless he shall forfeit his rights in this respect by not entering his name for a succeeding Session on or before the 31st October.

A person who seeks to re-enter after that date will be allowed to do so only on repayment of the admission fee.

*Extract from the Bye-laws of the College concerning Discipline.*

The Principal may suspend any student from attendance on any class or classes, and may exclude any student from any part of the College or its precincts. He shall report every such suspension or exclusion to the Senate, at its next ordinary or special meeting for further adjudication, and the Senate may continue the suspension or exclusion, or extend the same, as and for such period (not extending beyond the end of the then current session) as they may think fit.

In grave cases of misconduct, the Senate may recommend the Council to exercise their power of expelling a student.

*Regulations concerning Attendance and Conduct.*

1. Students are required to attend lectures with perfect regularity. A daily record is kept of the attendance of students in the lecture rooms. Students desiring leave of absence must make a written application to the Principal, on a form which may be obtained from the porter.

2. Students are required to provide themselves with the text-books used in the several classes which they attend. These may be obtained from the College Bookseller, Mr. J. E. Cornish, 33, Piccadilly, and at the College, or they may be ordered through any other bookseller.

\* For regulations especially affecting Medical Students, see Medical Department.

3. Periodical examinations are held in each class, and a general examination of the students is held in the month of June, on the results of which prizes are awarded at a public meeting held in the College on the last day of the Session.

Each student is expected to provide himself with a College Calendar, in order that he may make himself familiar with the rules of the College, with the class arrangements, and with the regulations affecting the several Scholarships and Exhibitions founded in connection with the College.

### *Library Regulations.*

1. The use of the Library for the reading and borrowing of books is open to all day students of the College heretofore admitted; and as to all hereafter to be admitted on payment of the Library fee of 5s., to be paid on admission during the following hours:—Daily, from 9.30 a.m. to 5 p.m., except on Saturdays, when the Library will be open from 9.30 a.m. to 1 p.m.

2. The use of the Library for the reading of books is open to all evening students of the College who shall have paid the Library fee of 2s. 6d., on Monday, Tuesday, Wednesday, and Thursday, from 6.30 to 9 p.m., until the termination of the Regular Evening Courses; and on Monday and Wednesday, from 6.30 to 9 p.m., during the continuance of Supplementary Evening Courses (if any).

4. The Library is closed to readers during the College vacations, and on incidental College holidays. A fortnight will be allowed for the retention of books thus taken out.

5. The Reading-room being a place for study only, conversation of any kind is strictly forbidden. The strictest silence and discipline must be observed. Students are to sit at the tables, and not to stand about in any part of the room. The Librarian has orders to report any violation of this rule to the Principal, who will, if necessary, apply Rule 3 in consequence.

A classified catalogue of the books bequeathed to the College by the late Bishop Lee has been printed, and may be obtained at the College, at the price of 2s. 6d. A catalogue, in M.S., of the whole collection of books is placed in the Library.

### RESIDENCE OF STUDENTS.

The College has no accommodation for boarders. Hall licensed for residence of students (in pursuance of bye-laws adopted by the Court of Governors, April 10, 1877):—The Friends' Hall, Lloyd Street, Greenhays. Principal, Theodore Neild, Esq., B.A. Some of the Professors and other Officers of the College receive students to board with them.

### GYMNASIUM.

Instructor, Staff-Sergeant George Causland, late Instructor in the Army Gymnasium, Portland.

The Gymnasium has been very completely fitted with apparatus on the system of Mr. Maclaren, Director of the University Gymnasium, Oxford.

The course of instruction is that set forth in Mr. Maclaren's "Physical

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\* Associates and students who are Graduates or Undergraduates of any University are invited to wear their proper academical dress at all Public College Meetings.

Education," and the exercises are carefully graduated according to the ages and the physical powers of the students.

#### COURSES OF STUDY.

The Courses of Study are primarily arranged to suit the requirements of the Victoria University for the Ordinary and Honours Degrees in Arts and Science,\* but many of the classes are likewise suited to students who are preparing for the examinations of the University of London.

The classes are also open to students who do not propose to graduate in any University.

The courses correspond respectively to the Preliminary, Intermediate, and Final Examinations of the University for Ordinary Degrees in Arts and Science, and certificates of attendance on them must be furnished by candidates on presenting themselves for these Examinations, except that candidates who offer themselves for the Preliminary Examination at the date of their matriculation are not required to present certificates of attendance on the first year's course.

#### FEES.

Every student is required to pay on admission an entrance fee of £1 1s. and a Library fee of 5s. (except as provided below), and the fees for the classes for which he enters. As so many alternative courses are open to the student offering himself for the Victoria University Examinations, it is not practicable to give tabular statements of the fees for every combination of classes. The class fees are severally stated in the following syllabus of the classes. Each fee, when not otherwise stated, is for the full session, or for the full course. Students who in a previous session paid a composition fee for the regular course in Arts or Engineering will be allowed to complete their courses in the corresponding classes of this session on the old scale of composition, subject to such changes in the courses as have been found necessary.

Students desiring to attend not more than two courses of lectures may, if they prefer it, pay, in lieu of the admission fee, a *sessional fee* of 7s. for each class attended.

#### COLLEGE COURSES IN ENGINEERING AND TECHNOLOGICAL CHEMISTRY.

(Special prospectuses are issued for each course, and may be obtained on application at the office of the College.)

##### ENGINEERING COURSE.

Successful attendance on this course will furnish a thorough scientific groundwork for the attainment of the knowledge requisite for the prosecution of the higher branches of the Engineering Profession, but it is not intended to supersede the practical training which can only be obtained in the office of a civil, or the workshop of a mechanical, engineer.

In addition to the subjects specified in the course, students are recommended to attend, as time will allow, the following classes :—Chemistry, Mineralogy, and a Modern Language.

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\* The Statutes and Regulations relating to Examinations and Degrees in Victoria University will be found in the foregoing account of that University.

*First Year.*—Pure Mathematics, Applied Mathematics or Experimental Mechanics, Engineering (Surveying and Estimating), Geometrical and Mechanical Drawing, Geology or Physics.\*

*Second Year.*—Pure Mathematics, Applied Mathematics, Engineering (Applied Mechanics), Geometrical and Mechanical Drawing.

*Third Year.*—Pure Mathematics, Applied Mathematics or Senior Physics, Engineering (third year's course), Geometrical and Mechanical Drawing.

N.B.—A Class for Practical Surveying is held, which students are recommended to attend in their first and second years. The fee is £2 12s. 6d.

Certificates in Engineering will be granted by the College on the successful completion of the Engineering Course. The Examinations for Certificates will include the following subjects :—Mathematics (pure and applied), Geology or Physics, Chemistry, Engineering, Drawing, and Surveying. Attendance on the full course of three years is expected of candidates for the certificate, but students may obtain exemption (on cause shown) from either the first or the second year's course; students so excused will nevertheless be required to undergo examination in all the subjects specified.

In the subjects of Geology, Physics, and Chemistry, a candidate who shall have been placed in a class not lower than the second in the Annual Examinations of the year in which he shall have studied such subjects will be held to have satisfied the Examiners; but in the other subjects candidates will be required to satisfy the Examiners at the completion of their course.

The certificate will state in which subjects the candidate has gained Honours, and in which he has merely satisfied the Examiners.

#### TECHNOLOGICAL CHEMISTRY COURSE.

The complete course of instruction extends over four years, and embraces the following subjects :—

*First Year.*—Chemistry Lectures, Junior and Tutorial classes; Chemical Laboratory, two days per week, and Analytical Chemistry Lectures class; Pure Mathematics, Section I.; Experimental Mechanics or Geology; French or German; † Mechanical Drawing, Practical (evening class).

*Second Year.*—Chemistry Lectures, Junior, † Senior, and Tutorial classes; Chemical Laboratory, three days per week; Technological Chemistry; Experimental Physics or Mineralogy Lectures; German or French; Mechanical Drawing, Practical (evening class).

*Third Year.*—Chemistry Lectures, Senior and Tutorial classes; Organic Chemistry Lectures; Chemical Philosophy; Chemical Laboratory, three days per week; Technological Chemistry; Physical Laboratory, one day per week, or Practical Mineralogy and Technological Mineralogy; Mechanical Drawing, Practical (evening class).

*Fourth Year.*—Organic Chemistry Lectures; ‡ Technological Chemis-

\* Students preparing for the profession of Civil Engineering are advised to select Geology, and those preparing for Mechanical Engineering, Physics.

† It is desirable that the student should have gained a knowledge of the elements of both these languages by the end of the second year.

‡ Students who gain a place in the first or second class in the annual examinations will be excused a second attendance on these classes.



try ; Chemical Laboratory, four days per week ; Chemistry of Colouring Matters, Dyeing, and Calico Printing (4th evening course) ; Mechanical Drawing, Practical (evening class).

Certificates will be granted to students on the successful completion of this course. Attendance on the full course of four years is expected of candidates for the certificate, but students may obtain exemption (on cause shown) from the first or the first and second year's course. Students so excused will nevertheless be required to undergo examination in all the subjects specified.

The certificate will state in which subjects the candidate has gained Honours, and in which he has merely satisfied the Examiners.

## FACULTY OF ARTS.

### *(Ordinary Degree Course.)*

*First Year.*—Preliminary Examination Courses.\* A.—Latin, Higher Junior; Greek, Higher Junior; English Language, Elementary; English History, Elementary; Pure Mathematics, Section I. One of the following:—French, Junior (*a*); German, Higher Junior; Experimental Mechanics; Chemistry Lectures, Junior. B.—English Language, Elementary; English History, Elementary; Pure Mathematics, Section I. Either of the following two combinations:—Experimental Mechanics; Chemistry Lectures, Junior. One of the following:—Latin, Higher Junior; Greek, Higher Junior; French, Junior (*a*); German, Higher Junior. Two of the following:—Latin, Higher Junior; Greek, Higher Junior; French, Junior (*b*); German, Higher Junior. And one of the following:—Experimental Mechanics; Chemistry Lectures, Junior.

*Second and Third Years.*—Group A (mainly Classical). Second Year. Intermediate Examination Course.—Greek, Lower Senior; Latin, Lower Senior; Ancient History (I.); English Language, History of; English Literature; Mathematics, part of Sect. II.; Logic (General Course). Third Year. Final Examination Course.—Greek, Higher Senior; Latin, Higher Senior; Ancient History (I. or II.); Philosophy, Mental and Moral (General Course). Group B. (mainly Historical). Second Year. Ancient History; Modern History (I.); Greek, Lower Senior; Latin, Lower Senior; English Language, History of; English Literature; Mathematics, part of Sect. II. One of the following:—French, Lower Senior; German, Lower Senior. Third Year. Ancient History; Modern History (I. or II.); either Greek, Higher Senior, or Latin, Higher Senior; English Literature; Political Economy; either French, Higher Senior, or German, Higher Senior. Group C (mainly English and Modern Languages). Second Year. English Language, History of; Early English (first course); English Literature; Ancient History (I.); French, Lower Senior; German, Lower Senior; Latin, Lower Senior; Mathematics, part of Sect. II. Third Year. English Language, History of; Early English (second course); Gothic; English Literature; Modern History (I. or II.); French, Higher Senior; German, Higher Senior; Latin, Higher Senior. Group D (mainly Philosophical). Second Year. Logic (general course); Greek, Lower Senior; Latin, Lower Senior; Mathematics, part of Sect. II.; Ancient History (I.); English Literature;

\* Candidates for the Ordinary Degree of B.A. must have satisfied the Examiners in Latin and Greek at the Preliminary Examination.

one of the following: French, Lower Senior; German, Lower Senior. Third Year. Philosophy, Mental and Moral (general course); History of Philosophy (general course); Greek, Higher Senior; Ancient History, (I. or II.); one of the following: French, Higher Senior; German, Higher Senior.

## FACULTY OF SCIENCE.

### *(Ordinary Degree Course.)*

*First Year.*—Preliminary Examination Courses. A.—Latin, Higher Junior; Greek, Higher Junior; English Language, Elementary; English History, Elementary; Pure Mathematics, Section I.; one of the following: French, Junior (*a*); German, Higher Junior; Experimental Mechanics; Chemistry Lectures, Junior. B.—English Language, Elementary; English History, Elementary; Pure Mathematics, Section I. Either of the following two combinations: Experimental Mechanics; Chemistry Lecturer, Junior; one of the following: Latin, Higher Junior; Greek, Higher Junior; French, Junior (*a*); German, Lower Junior; two of the following: Latin, Higher Junior; Greek, Higher Junior; French, Junior (*b*); German, Higher Junior; and one of the following: Experimental Mechanics; Chemistry Lectures, Junior.

*Second and Third Years.*—Group A (mainly Mathematical). Second Year. Intermediate Examination Course.—Pure Mathematics, Section II. or III.; Applied Mathematics, Junior; Physics, Experimental; Logic; one of the following: Chemistry Lectures, Senior; Elementary Biology, Lectures and Practical; one of the following: Latin, Lower Senior; Greek, Lower Senior; French, Lower Senior; German, Higher Junior; English Language, History of, and English Literature. Third Year. Final Examination Course.—Pure Mathematics, Section IV.; Applied Mathematics, Lower Senior; Practical Physics, one day per week; one of the following: Elementary Biology, Lectures and Practical; Chemistry Lectures, Senior; Philosophy; one of the following: Latin, Higher Senior; Greek, Higher Senior; French, Higher Senior; German, Higher Senior; English Language, History of, and English Literature. Group B (Engineering). Second Year. Intermediate Examination Course.—Engineering, first or second year; Mechanical Drawing; Pure Mathematics, Section II. or III.; Chemical Lectures, Senior; one of the following: Applied Mathematics; Experimental Physics; one of the following: French, Lower Senior; German, Higher Junior. Third Year. Final Examination Course.—Engineering, first, second, or third year; Mechanical Drawing; Pure Mathematics, part of Section IV.; two of the following: Experimental Physics; Geology; Applied Mathematics, Junior, provided that applied Mathematics be taken at either Intermediate or Final Examinations. Group C (Experimental Science). Second Year.—Pure Mathematics, Section II. or III.; Experimental Physics; Chemistry Lectures, Senior; one of the following: Elementary Biology, Lectures and Practical; Logic, general course; Physiography; one of the following: Greek, Lower Senior; Latin, Lower Senior; French, Lower Senior; German, Higher Junior; English Language, History of, and English Literature. Third Year.—Practical Physics, one day per week; Organic Chemistry and Chemical Philosophy; Practical Chemistry, two days per week; one of the following: Applied Mathematics, Junior; Geology and Elementary Mineralogy. Group D (Biology). Second

MEDICAL DEPARTMENT.

*Registrar*—J. Holme Nicholson.

\* Provided that two of the three subjects be selected from Branch I.

secutive Summer Courses of Midwifery and Gynæcology are also recognized by Edinburgh as equivalent to a Winter Course of that University.

The attendance of all students on lectures is registered. Certificates of attendance will be granted to those students only whose attendance and conduct throughout the whole session have been satisfactory. Examinations are held at the conclusion of the Winter and Summer Sessions in each class, on the results of which Prizes are awarded. Examination lists, showing the position obtained by each student, are subsequently posted in the Medical School. Students absenting themselves from this Examination are not entitled to a certificate of attendance on the class.

A composition fee of £63, payable in two sums of £31 10s. each at the commencement of the first and second years of studentship, admits to the four years' course of study laid down (with the exception of the Hospital Practice, the fees for which are paid at the Royal Infirmary, of the special course on Operative Surgery, of Embryology, and of the *third* session of Practical Anatomy). This course will qualify for the Examinations for Medical Degrees in the University of London, the Diplomas of the Royal College of Physicians, the Membership and (with the addition of a third course of Practical Anatomy) the Fellowship of the Royal College of Surgeons, and for the Licence of the Apothecaries' Society. Students desirous of repeating attendance on any class after the expiration of the four years' course will be allowed to do so on paying for each class attended one-third of the fees payable by students who do not compound. A student, however, who desires to continue his study of Practical Anatomy beyond two sessions will be required to pay at the rate of 2*l.* 2*s.* for a three months' or 3*l.* 3*s.* for a six months' course.

Students who have paid £2 2*s.* for a three months' course of Practical Anatomy may continue for the succeeding three months on a further payment of £1 1*s.*, provided that the extra three months are included in the same session, otherwise the fee for the second period will be £2 2*s.*

Extra fees not included in the composition fee :—

|                                                                |     |     |     |      |    |    |   |
|----------------------------------------------------------------|-----|-----|-----|------|----|----|---|
| Operative Surgery (special course)                             | ... | ... | ... | ...  | £4 | 4  | 0 |
| Practical Zoology and Comparative Anatomy, two days per week   | ... | ... | ... | ...  | 7  | 7  | 0 |
| Ditto, one day per week                                        | ... | ... | ... | ...  | 4  | 4  | 0 |
| Botany (practical course)                                      | ... | ... | ... | ...  | 1  | 11 | 6 |
| Demonstration Class in Anatomy, £2 2 <i>s.</i> ; to members of |     |     |     |      |    |    |   |
| Practical Anatomy Class                                        | ... | ... | ... | ...  | 1  | 1  | 0 |
| Tutorial Class in Anatomy and Physiology                       | ... | ... | ... | ...  | 2  | 2  | 0 |
| Tutorial Classes in Chemistry, Zoology, and Botany             | ... | ... | ... | each | 0  | 10 | 6 |
| Deposit fee (Dissections)                                      | ... | ... | ... | ...  | 2  | 5  | 0 |

A charge of £1 1*s.* is also made for the chemicals used in the class of Practical Chemistry.

The Museums of Human and Comparative Anatomy and Materia Medica are free to all students of the Medical School.

#### MANCHESTER ROYAL INFIRMARY.

School of Instruction in practical Medicine and practical Surgery, see Medical Section.

## FELLOWSHIPS, SCHOLARSHIPS, EXHIBITIONS, AND PRIZES.\*

## I. LANGTON FELLOWSHIP. Annual value, £150.

Founded and endowed in the year 1878, with the sum of £4,200, by the subscribers to a fund raised by the friends and admirers of William Langton, Esq., of Docklands, Ingatestone, Essex, and late of Manchester.

## MODERN AND ORIENTAL LANGUAGES AND MODERN HISTORY.

Fellowship, value £150, tenable for three years.

(a) German Language, Literature, and History. (b) French Language, Literature, and History. (c) Italian Language, Literature, and History. (d) An Oriental Language and Literature.

## II. SCIENCE AND LITERATURE FELLOWSHIPS.

The Council are enabled by the temporary endowment of an anonymous benefactor to offer for a term of three years five Fellowships of £100 each.

## III. VICTORIA SCHOLARSHIP. Annual value, £40.

Endowed in the year 1862, by the late Samuel Fletcher, Esq., with the sum of £500; to which a further sum of £500 was added in 1872, by Charles James Heywood, Esq. This Scholarship, named in commemoration of the first visit of Her Majesty to Manchester, on the 10th of October, 1851, is founded for the promotion of the study of the Languages and Literatures of Greece and Rome.

## IV. WELLINGTON SCHOLARSHIP. Annual value, £20.

Founded in the year 1852, by the late George Faulkner, Esq., who gave the sum of £500 for the purpose. The object of the Scholarship is to encourage the prosecution of the critical study of the Greek Text of the New Testament.

## V. SHUTTLEWORTH SCHOLARSHIP. Annual value, £50.

In the year 1865, Mrs. Elizabeth Shuttleworth, of Manchester, founded this Scholarship, in memory of her late husband, John Shuttleworth, Esq., and endowed it with the sum of £1,250. The Scholarship is founded for the promotion of the study of Political Economy.

## VI. SHAKSPERE SCHOLARSHIP. Annual value, £40.

In the autumn of 1863 a Committee was formed in Manchester to promote the celebration of the 300th anniversary of Shakspeare's birth, which fell in the spring of 1864. The Committee resolved to employ the fund that had been raised in the endowment in the Owens College and in the Free Grammar School of Scholarships for "the promotion of the study of the English Language and Literature." The Shakspeare Scholarship in the College was endowed with the sum of £1,071.

## VII. BRADFORD HISTORY SCHOLARSHIP.

Founded and endowed in the year 1877 with a sum of £1,200, by Miss Mary Bradford, of Higher Broughton, in the county of Lancaster, in remembrance of her late brother, William Bradford, deceased.

\* Open to the competition only of students of the day classes in Arts, Science, and Law, except where otherwise stated.



## VIII. BISHOP FRASER SCHOLARSHIPS.

In November, 1880, the College received a donation of £2,000 from the Right Rev. James Fraser, D.D., Lord Bishop of Manchester, and Mrs. Fraser, £1,000 of which was a portion of a fund raised by public subscription on the occasion of their marriage, and presented to the Bishop, with liberty to decide for what purpose it should be employed. The sum has been devoted by his Lordship to the foundation of two Scholarships, to encourage proficiency in classical studies.

## IX. ASHBURY SCHOLARSHIPS.

Two Scholarships, each of the annual value of £25. one of which is offered annually, and is tenable for two years. These Scholarships, founded in 1868, by James Ashbury, Esq., of Brighton, in memory of his late father, James Ashbury, Esq., of Manchester, are provided for out of a fund of about £5,000 which Mr. Ashbury gave towards the endowment of the Engineering Department.

## X. PLATT PHYSIOLOGICAL SCHOLARSHIPS.

Two, each of the annual value of £50, one of which is offered annually, and is tenable for two years. Founded in 1872, by Robert Platt, Esq., of Dunham Hall.

## PLATT EXHIBITIONS.

Exhibitions are offered from time to time in Physiology, out of the funds accruing from unawarded Platt Scholarships.

Two Exhibitions of £15 each are offered for competition at the end of the Session, to be competed for by students attending for the first and second times respectively the classes of Physiology and Practical Physiology.

## XI. DALTON CHEMICAL SCHOLARSHIPS.

Two Scholarships, each of the annual value of £50, and tenable for two years.

## XII. DALTON MATHEMATICAL SCHOLARSHIPS.

One Senior and one Junior Scholarship, of the value of £25 each, tenable for one year.

## XIII. HEGINBOTTOM PHYSICAL SCHOLARSHIP.

Annual value, £20, which the Council will, until further notice, augment to £30 per annum. Founded in 1875, by George Heginbottom, Esq., of Ashton-under-Lyne, and Birkdale.

## XIV. DAUNTESEY SCHOLARSHIPS.

Mrs. Catherine Dauntsey Foxton, of Agecroft Hall, Pendlebury, who died on the 31st March, 1878, bequeathed to the College the sum of £5,000, to be paid free from legacy duty, for the purpose of establishing and endowing two scholarships of equal value, one Legal and the other Medical, to be called respectively the "Dauntsey Legal Scholarship" and the "Dauntsey Medical Scholarship"

## PRIZES.

## XV. LEE GREEK TESTAMENT PRIZES.

Mrs. Susan Lee, widow of Dr. James Prince Lee, late Bishop of Manchester, by will dated the 4th October, 1872, bequeathed to the College the sum of £1,000 free from legacy duty, the income arising therefrom to be annually divided between two of the most proficient students at the College of the Greek Testament.

Two Prizes, the first of the value of £25, and the second of the value of £12 10s., will be accordingly offered annually for competition by the members of the Greek Testament class.

## XVI. SHUTTLEWORTH HISTORY PRIZE. Value, £5.

Endowed with the sum of £180, arising from lapsed income of the Shuttleworth Scholarship.

## XVII. DALTON NATURAL HISTORY PRIZE. Value, £15.

Founded with the Dalton Scholarships, as previously described.

## XVII. FAIRBAIRN ENGINEERING PRIZE.

From a funded income of £1,150.

## XIX. TURNER MEDICAL SCHOLARSHIP.

This Scholarship, of the value of £25, founded in memory of the late Thomas Turner, Esq., F.R.C.S., of Manchester, one of the founders of the Manchester Royal School of Medicine, now united with the Owens College, is open to the competition annually of all students in the Medical Department who have completed a four years' full course of study in the College.

## XX. DUMVILLE SURGICAL PRIZE. Value, £20.

And various special Exhibitions and Prizes not founded on any permanent endowments, and they are therefore only offered from year to year.

## ENTRANCE SCHOLARSHIPS AND EXHIBITIONS.

## I. GRAMMAR SCHOOL SCHOLARSHIPS. Annual value, £17.

Three Scholarships, each tenable for three years, have been founded for better enabling scholars of the Manchester Grammar School, entering as students at Owens College, to defray expenses of such studentship.

## II. RUMNEY SCHOLARSHIP.

One of £45 per annum, tenable for three years, to the artisan member of any institute in the Union of Lancashire and Cheshire Institutes, who shall, at the last occasion before the Scholarship shall be vacant, obtain the highest aggregate number of marks at the May Government Science Examinations.

## III. RAMSBOTTOM SCHOLARSHIP.

One of £40 per annum, tenable for two years, offered to the competi-

tion of candidates nominated by John Ramsbottom, Esq., or by the London and North-Western Railway Co., from among the young men not under 16 nor above 23 years of age employed by the Company in the Locomotive Department at their principal stations.

#### IV. ROGERS EXHIBITION.

Founded in 1880, by Mrs. Rogers, in memory of her husband, H. Rogers, Esq., formerly a governor of the College. Value, £20.

The following Scholarships are open to all persons who satisfy the conditions, whether they have or have not been previously students of the College:—

SHAKSPERE SCHOLARSHIP.

BISHOP FRASER SCHOLARSHIP.

DAUNTESEY MEDICAL SCHOLARSHIP.

#### XII. GILCHRIST ENTRANCE SCHOLARSHIPS.


Instituted by the Trustees of the Gilchrist Educational Trust, to be held in connection with the Owens College.

A Scholarship of the value of £50 per annum, or two Scholarships, each of the value of £25 per annum, tenable for three years, will be annually awarded for competitive examination.

There are several Exhibitions and Prizes open to evening students only.

#### CONFERRING DEGREES UPON WOMEN.

At a meeting of the University Court of Victoria University, which was held in the Library of Owens College, the ceremony of conferring degrees took place, and Vice-Chancellor Greenwood, who occupied the chair, in speaking of the progress of the University, said that during the year a provision in the charter, which had hitherto been a dormant one, and which declared that women as well as men might become candidates for degrees, had been brought into use. Although the charter had from the first admitted the right of women to become candidates for degrees conferred by the University, yet as no persons could come up for degrees except such as were members of one of the Colleges connected with the University, and as no such College received women, women could not become candidates for degrees; but recently Owens College had, so to say, annexed the Women's College, Brunswick-street, which would in future be really a department of Owens College. Consequently, ladies who were receiving instruction in the institution in Brunswick-street could, if they thought fit, enter for the examinations of the University. Two of them had already done so, and they had passed the preliminary examination.



## UNIVERSITY COLLEGE, LONDON.

GOWER STREET, W.C.

*The particulars of University College Hospital will be found in the Medical Section of this work.*

This college, which was the pioneer in the cause of University teaching in London, was originally founded in 1826 as the University of London, and opened 1st October, 1828, it was incorporated in 1836, as University College, London, for the general advancement of Literature and Science, by affording to young men adequate opportunities for obtaining literary and scientific education at a moderate expense, and on a purely secular basis to supply the needs of those who were excluded by religious disabilities from the old Universities. University College, London, celebrated its first jubilee in 1878, when a large company assembled in the grounds of the College, Gower Street, for the purpose of witnessing the ceremony of laying the first stone of the new extension of the College buildings by Earl Granville, the Chancellor of the University of London; and on the 16th February, 1881, the north wing, which has cost 35,000*l.*, was formally opened under the presidency of the Earl of Kimberley, Secretary of State for the Colonies. The cost of the entire work is estimated from 85,000*l.* to 100,000*l.* It is governed by a Council of 24, elected at the Annual General Meetings of the members, and the academical business is arranged, subject to the control of the Council, by the Senate, which consists of all the Professors, with a member of the Council for President. The College comprises a Faculty of Medicine, a Hospital, Faculties of Arts and Laws and of Science, and also a department of Fine Arts, and an Indian School. In both College and School, students and pupils of all denominations are educated, without interference with their religious opinions. In 1870 the scientific classes were constituted a separate Faculty of Science, and in 1878 the degrees of the London University have been thrown open to women, and the Council have now decided to admit female students to classes in all the subjects of the Faculties of Arts and Laws, and of Science. Gradual preparation has been made for this in the College for many years past, through the working of the Ladies' Educational Association. There are special Law classes, for the study of Roman Law, Jurisprudence, Equity, and Real Property Law, and Common Law, and the Law of Evidence. Terms in Session.—Faculty of Medicine: Winter Term, October 3rd to March 31st; Summer Term, May 1st to July 20th. Faculties of Arts and Laws, and of Science: Michaelmas Term, October 4th to December 16th; Lent Term, January 4th to March 17th; Summer Term, from March 21st to June 15th. Professors' fees vary from 1*l.* 1*s.* to 1*l.* 11*s.* the course. In the Faculty of Medicine, the fees for the entire course (including hospital) of 4 years, necessary for a diploma, is 13*l.* 5*s.*, which may be paid at once or distributed over 3 years; thus, 63*l.* the first year, 52*l.* 10*s.* the second, and 21*l.* the third. Exhibitions, Scholarships, and Prizes.—In the Faculty of Arts and Laws, and of Science: 3 Andrews Entrance Exhibitions of 20*l.* each, awarded to commencing students after Examination in Classics, Mathematics, Modern Languages, and Science. 2 Andrews prizes of 30*l.* and 20*l.* each, awarded to students of 1 year's standing, on the result of the

College Class Examinations. Andrews Prizes of 50*l.* and 40*l.*, awarded to students of 2 years' standing, for similar proficiency. A Jews' Commemoration Scholarship of 15*l.*, tenable for 2 years, awarded annually to a student of not more than 1 year's standing, for general proficiency and good conduct. 2 Joseph Hume Scholarships, 1 in Political Economy, the other in Jurisprudence, each of 20*l.* a year, and tenable for 3 years; 1 of each awarded every third year. A Ricardo Scholarship in Political Economy, of 20*l.* a year, tenable for 3 years, awarded every third year. Ellen Watson Memorial Scholarship in Applied Mathematics. Fielden Scholarships in German and French, senior 25*l.*; junior 15*l.* and 10*l.* Clothworkers' Exhibition for Chemistry and Physics, 50*l.* per annum for 2 years. Gilchrist Engineering Scholarships, senior 80*l.*; junior 35*l.* for 2 years. Hollier Scholarships in Greek and Hebrew, 60*l.* each. In the Faculty of Medicine: 3 Entrance Exhibitions, of the respective value of 100*l.*, 60*l.*, and 40*l.*, awarded to commencing students after examination in Science, the subjects being those of the Preliminary Scientific Examination of the University of London. An Atchison Scholarship of 55*l.*, tenable for 2 years, for general proficiency. An Atkinson-Morley Scholarship of 45*l.* per annum, tenable for 3 years, awarded every year after Examination in the Theory and Practice of Surgery. Atchison Scholarship, 55*l.* per annum for two years. Erichsen Prize (Surgeon's case of Operating Instruments) for the encouragement of Skill in Surgical Manipulation. A Filliter Exhibition of 30*l.* is awarded annually to the student most proficient in Pathological Anatomy; Bruce Medal; Sharpey Physiological Scholarship, about 70*l.*; Cluff Prize, value about 16*l.* Fellowes and Liston Medals are awarded every session. Prizes of books, medals, etc., are awarded to those who display the greatest proficiency in the Class Examinations of all Faculties. The West Scholarship, of the value of 30*l.*, has been awarded by the Council of University College to H. P. Dean and H. R. Norris, of University College School. This Scholarship, tenable at University College, was founded in 1877, on the retirement of Ebenezer West from the Headmastership of Amersham Hall, by his former pupils, in recognition of his services in the cause of education. The award of the West Scholarship depends on the marks gained by candidates in the English subjects at the Matriculation Examination of the University of London.

## UNIVERSITY COLLEGE SCHOOL.

This school is under the government of the Council of University College. Founded 1832. Upwards of 600 boys attend this school, some of whom board with the Masters. This school forms a distinct branch of University College, and its pupils are wholly secluded from the students. Boys are admitted at any age between 9 and 15. The session consists of 40 weeks, and is divided into 3 nearly equal terms, the Michaelmas, Lent, and Summer terms. The hours of attendance are from 9.30 to 3.45, with a break from 12.30 to 1.30 for play and refreshment. The Michaelmas term begins on September 27th, and ends on December 21st. The Lent term begins, January 10th, and ends on April 21st. The Summer term begins April 29th and ends on August 1st. The first



day of each term is set apart for the reception of new boys. The ordinary work of the school commences on the following morning. The fee for each term is 8 guineas; half-term fee for boys entering at the half-term, 4 guineas. These payments include ordinary stationery; but books, chemical materials, and drawing materials are not included. The subjects taught, exclusive of the extras above specified, are Reading, Writing, the English, Latin, Greek, French, and German Languages; History, English and Ancient; Geography, Physical and Political; Arithmetic, Mensuration, and Book-keeping; Mathematics, pure and applied; Chemistry, theoretical and practical; Chemical Physics; Botany, Natural Philosophy, Social Science, Drawing from the flat, Class Singing. Parents are allowed (subject to the Head Master's right of veto) to select the subjects in which their sons are to be instructed, as well subsequently as at entry. It is essential, however, in the former case, that their wishes should be made known before or, at latest, at the beginning of a session or term. During the interval between morning and afternoon lessons, boys remain on the school premises. Passes are, however, granted where the parents' house is near the school. Attached to the school is a large playground, which is open until dusk in winter, and until 5.30 in the summer. There are also a gymnasium, five courts, and playrooms. At the end of the Michaelmas and Summer terms there is an Examination of all the classes. An honour list is printed at the end of the session, and sent to parents, and prizes are awarded. Five entrance Scholarships, open to boys under 14, whether already in the School or not, are competed for in July of each year. The Case Exhibition of 20% is awarded annually to the pupil who distinguishes himself most in the school Examinations of the session preceding his entry into the classes of the College. The Trevelyan Goodall Art Scholarship of 20% is tenable for 3 years in the Slade School of Fine Art in the College by former pupils in the drawing classes of the school. See particulars of the West Scholarship under the head of "University College." The college is close to the Gower Street Station of the Metropolitan Railway, and only a few minutes' walk from the termini of the North-Western, Midland, and Great Northern Railways. To pupils attending the school, season tickets are granted at half-price. Boarders are received in their houses by E. R. Horton, Esq., the Vice-Master, 11, Gordon Street, Gordon Square, W.C.; Robert Tapson, Esq., Montem Elsworthy Road, N.W.; H. C. Levander, Esq., 30, North Villas, Camden Square, N.W.; W. W. Magee, Esq., 28, Gaisford Street, N.W.; R. P. Wright, Esq., 4, Lorne Road, Finsbury Park; T. A. Orme, Esq., 8, Leamington Villas, Acton, W.; S. Walker, Esq., 5, Oxford Terrace, Acton, W.; J. R. Walters, Esq., Tudor Lodge, Torriano Avenue, N.W.; the Rev. H. F. W. Cowley, 64, Blenheim Crescent, Notting Hill, W.

#### LAU CLASSES.

The Course of Instruction in these Classes is specially adapted for Students preparing for the LL.B. Degree in the University of London, and for the Indian Civil Service Examinations.

#### ROMAN LAW.

Professor Edm und Robertson, M.A., Fellow of Corpus Christi College, Oxford, Barrister-at-Law.

#### CONSTITUTIONAL LAW AND HISTORY, AND ENGLISH LAW.

Professor J. W. Willis Bund, M.A., LL.B., Barrister-at-Law.

## DEPARTMENT OF APPLIED SCIENCE, ENGINEERING, AND TECHNOLOGY.

The Department of Applied Science and Technology is intended to provide for Students wishing to devote themselves to Engineering, Architecture, Applied Chemistry in any of its branches, or any other manufacturing or commercial pursuit, a systematic training in the application of scientific principles to industrial purposes. As in all other Departments of the College, there is in it an unrestricted admission of Students, without previous examination, to any class or classes they may select. It is, however, in all cases advisable that a student should consult the Dean or Vice-Dean of the Faculty of Science, or the Professor of the subject with which he proposes most closely to connect himself, before arranging his work. Curricula are given below, under the different headings of Engineering, Chemical Technology, etc, which indicate the arrangement of classes which in general will enable a student to derive the greatest benefit from the instruction given in the Department of Applied Science. When circumstances permit, and the student has sufficient time at his disposal, it is in most cases advisable that one or other of these curricula should be attended. But when from any cause this is impossible, it becomes especially advisable that the student should consult one of the Professors before deciding what classes to attend.

It should be clearly understood that the education given in this Department of the College is not intended to supersede such necessary practical training as can only properly be acquired in the workshop or factory.

It will be noticed also that the curricula specified below include not only instruction in Applied Science, but also such preliminary instruction in Pure Science (especially in Mathematics, Physics, and Chemistry) as a Student ought to have before proceeding to study its applications.

The study of Modern Languages is not specially mentioned in any of the courses detailed, but their importance to the student in this Department is exceedingly great, and it may therefore be often advisable that some time should be given to them.

## DEPARTMENT OF THE FINE ARTS.

### SLADE SCHOOL OF DRAWING, PAINTING, AND SCULPTURE.

Applications for admission should be made either before, or as soon as possible after, the beginning of each term. The fee must be paid within two days from the commencement of each term.

*Slade Professor.*—A. Legros.

*Assistant.*—F. J. Slinger.

*Assistant in the Antique School.*—C. J. Durham.

*Assistant.*—J. B. Clark.

### GENERAL REGULATIONS.

1. The Studios are open for the Students from 9.30 to 5, except on Saturdays, when all the Schools are closed at 2.
2. Two models sit in the Life Schools for five hours every day from 10.
3. The male and the female Students work together in the Antique School, and from the Draped Model.
4. The College provides seats and easels; but the Students must furnish

themselves with all the materials and with the other appliances that they may require.

5. A refreshment room and other accommodation, as well as a female attendant, are provided for the exclusive use of women.

6. No fee less than that for a whole term will be received.

#### COURSES OF STUDY.

All Students (except those specially exempted by the Professor) will, on entering the Schools, be required to draw from the antique until judged sufficiently advanced to draw from the life. They will also be allowed to paint from the antique or the life, according to their proficiency.

Subjects for Composition will be given by the Professor from time to time.

The Students will also pursue such other studies as the Professor may direct, and will be required to work under his direction, from the antique, from the nude, or from the draped model, as he may think best for them, according to their degrees of proficiency.

#### GENERAL COURSE.

Fees for the session, 19*l.* 19*s.* ; for each term, 7*l.* 7*s.*

Students entered to this course will be entitled to work every day from the nude or the draped model for five hours from 10, and from the antique or at other studies up to 5, except on Saturdays. Instruction in etching will be given by the Professor. A printer will attend every Friday to prepare the plates and take proofs of the Students' works.

#### SCULPTURE.

A qualified instructor will attend for the purpose of giving lessons to Students who may wish to attend a class for modelling and sculpture.

#### ARCHÆOLOGY.

Professor Charles Thomas Newton, C.B., D.C.L., LL.D., Ph.D., M.A.

1. Lectures on Anatomy.

2. Lectures on Perspective.

3. Lectures on the Chemistry of Materials used in Painting.

#### LIBRARY.

The Fine-Art Library, which includes the "Field Memorial Library," will generally be open to all Students in the Fine-Art School from two to five o'clock.

#### LIST OF OFFICERS.—UNIVERSITY COLLEGE, LONDON.

*President*.—Rt. Hon. the Earl of Kimberley, M.A.

*Vice-President*.—The Hon. Mr. Justice Fry, B.A.

*Treasurer*.—Sir Julian Goldsmid, Bart., M.A., and a Council of twenty-four members.

*Secretary*.—Talfourd Ely, M.A.

*Assistant Secretary and Accountant*.—Harry Brown.

*Auditors*.—J. B. Benson, LL.B. ; H. P. Cobb, B.A. ; W. A. Sharp ; A. H. Spokes, B.A.

#### SENATE.

*President*.—Sir George Young, Bart., M.A.

*Vice-Presidents*.—Sir B. H. Ellis, K.C.S.I. ; J. F. Rotton, M.A.

#### PROFESSORS.

*Faculties of Arts and Laws, and of Science.*

*Ancient and Modern History*.—E. S. Beesly, M.A.

- Arabic and Persian.*—Chas. Rieu, Ph.D.  
*Archæology.*—C. T. Newton, C.B., D.C.L.  
*Architecture.*—T. Roger Smith, F.R.I.B.A.  
*Botany.*—Daniel Oliver, F.R.S.  
*Chemistry, etc.*—A. W. Williamson, Ph.D., F.R.S.  
*Chemical Technology.*—Charles Graham, D.Sc.  
*Chinese.*—Rev. Samuel Beal, B.A.  
*Civil Engineering and Surveying.*—F. Vernon Harcourt, M.A.  
*Comparative Philology.*—J. P. Postgate, M.A.  
*Constitutional Law and History.*—T. P. Taswell-Langmead, B.C.L.  
*Drawing, Painting, and Sculpture (Slade).*—A. Legros.  
*Engineering and Mechanical Technology.*—Alexander B. W. Kennedy, C.E. (*Vice-Dean Science*).  
*English Language and Literature.*—Henry Morley, LL.D.  
*French.*—Chas. Cassal, LL.D.  
*Geology and Mineralogy.*—Rev. T. G. Bonney, M.A., F.R.S. *Dean (Science)*.  
*German.*—F. Althaus, Ph.D.  
*Greek.*—A. Goodwin, M.A. *Vice-Dean (Arts and Laws)*.  
*Hebrew (Goldsmid).*—Rev. D. W. Marks.  
*Italian.*—A. Farinelli.  
*Jurisprudence.*—Frederick Pollock, LL.D.  
*Latin.*—Rev. A. J. Church, M.A.  
*Pure Mathematics.*—Richard C. Rowe, M.A.  
*Applied Mathematics.*—O. Henrici, Ph.D., F.R.S.  
*Philosophy of Mind, etc.*—G. Croom Robertson, M.A.  
*Physics.*—G. C. Foster, B.A., F.R.S. *Dean (Arts and Laws)*.  
*Physiology (including Practical Physiology) (Jodrell).*—J. B. Sanderson, M.D., F.R.S.  
*Political Economy.*—H. S. Foxwell, M.A.  
*Roman Law*—Edmund Robertson, M.A. *Sanskrit.*—Vacant.  
*Zoology (Jodrell).*—E. R. Lankester, M.A., F.R.S.; H. W. Eve, M.A. (*Head Master of the School*).

#### *Faculty of Medicine.*

- Anatomy.*—G. D. Thane, *Vice-Dean*. *Botany.*—Daniel Oliver, F.R.S.  
*Chemistry, etc.*—A. W. Williamson, Ph.D., F.R.S.  
*Clinical Medicine (Holme).*—Wilson Fox, M.D., F.R.S.  
*Clinical Surgery (Holme).*—Chr. Heath.  
*Clinical Surgery.*—Berkeley Hill, M.B., *Dean*.  
*Clinical Ophthalmic Surgery.*—J. F. Streatfeild.  
*Comparative Anatomy (Jodrell).*—E. R. Lankester, M.A., F.R.S.  
*Hygiene and Public Health.*—W. H. Corfield, M.D.  
*Materia Medica and Clinical Medicine.*—F. T. Roberts, M.D., B.Sc.  
*Medical Jurisprudence.*—G. V. Poore, M.D.  
*Med. and Clinical Med.*—Sydney Ringer, M.D.  
*Obstetric Medicine.*—W. M. Graily Hewitt, M.D.  
*Ophthalmic Med., etc.*—John Tweedy.  
*Pathol. Anatomy and Clinical Medicine.*—H. C. Bastian, M.D., F.R.S.  
*Physiology (Jodrell, including Practical Physiology).*—J. B. Sanderson, M.D., F.R.S.  
*Surgery and Clinical Surgery.*—Sir J. Marshall, F.R.S.  
*Dental Surgery.*—S. J. Hutchinson.

## UNIVERSITY COLLEGE SCHOOL.

*Head Master.*—H. Weston Eve, M.A.

*Vice-Master.*—E. R. Horton, M.A.

*Classics and English.*—G. J. Hawkes, M.A.; H. C. Levander, M.A.; W. J. Cartmell; S. Walker; J. Cameron; Rev. J. R. Walters, B.A.; Rev. H. F. W. Cowley, B.A.; C. R. Potter, M.A.; C. R. Cockman, B.A.; R. S. Carpenter, M.A.; J. S. Masterman, M.A.; F. W. Levander, C. Simmons, M.A.

*Mathematics and Arithmetic.*—R. Tucker, M.A.; R. P. Wright; C. F. King, B.A.; W. Paice, M.A.; W. W. Magee; G. Thompson, M.A.; W. H. Widgery, M.A.; R. Savory; D. Robertson, M.A., LL.B.; H. T. J. Coggin, M.A.

*Physics and Chemistry.*—J. J. Walker, M.A.; T. Orme, F.C.S.

*French.*—Prof. C. Cassal, LL.D.; R. Tapson; V. Cerexhe; A. Dardelle.

*English.*—Rev. W. Stainton Moses, M.A.

*German.*—L. Goldschild; J. T. Dann, Ph.D.

*French and German.*—Mr. F. de Baudiss. *Hebrew.*—Prof. D. W. Marks.

*Spanish.*—Don V. Carrias. *Italian.*—Prof. Farinelli.

*Writing.*—C. F. King, B.A.; J. Barter.

*Drawing.*—W. H. Fisk; F. G. Stephens; R. S. James; L. Walter; T. Ballard. H. H. Cauty; H. T. Leftwich; L. P. Wood; J. H. Lewis; H. Collins; T. E. Harrison; F. L. Pither; H. B. Walters.

*Singing.*—F. E. W. Hulton, Mus.B. *Shorthand.*—G. E. Holloway.

*Fencing and Gymnastics.*—R. Castellotte. *School Registrar.*—A. Davis.

The Council have made the following appointments of Lecturers on the vernacular languages of India :—

*Hindustani.*—Mr. A. H. Keane.

*Bengalee.*—Mr. Jas. F. Blumhardt.

*Hindu.*—Colonel W. W. Sherlock.

*Tamil and Telegu.*—Mr. P. V. Ramaswami Raju.

*Gujerati.*—Mr. Mancherjee M. Bhowmnagge.

*Burmese.*—Mr. J. Geo. Scott.

For *Marathi* no lecturer has been yet appointed.

## KING'S COLLEGE,

STRAND, LONDON, W.C.

This well-known College was founded in 1828, by Royal Charter, upon the principle that “the Christian religion is an indispensable part of the instruction which should be given to youth.” The Theological Department provides a system of sound Theological Instruction for young men proposing to offer themselves for Holy Orders, and is superintended by the Principal of the College. Students in this department are admitted on proof of their having either graduated at Oxford, Cambridge, Durham, or Dublin, or of their having obtained an Associateship of King's College, or who, having been examined and reported eligible by the Principal, shall obtain the recommendation of a Bishop. The course of study must be continued during at least 6 academical terms (2 years). Examinations take place in each of the several branches of instruction every term, and a probationary *viva voce* must be passed by every Student in his fourth or fifth term. At the close of the course



of 2 years a strict Examination takes place; and to all students who have merited such a distinction by their attainments, and by their good character during the period of their studies in King's College, the Principal is empowered by the Council to grant a certificate of attainments, which may be exhibited for the satisfaction of that Bishop to whom any student may apply to be admitted as a candidate for Holy Orders. The 2 Archbishops and 25 of the Bishops have consented to admit as candidates for Holy Orders those students who shall produce the College certificate. The fees for attending the full prescribed Theological course are 10 guineas per term for all Associates of King's College, London; and 12 guineas per term for all other students, in addition to 5*l.* 17*s.* 6*d.* for Matriculation fees. The Academical year consists of 3 terms: Michaelmas term, from about the 1st of October to the week before Christmas; Lent term, from about the 20th of January to the week before Easter; Easter term, from about 10 days after Easter to the end of June. Gentlemen (not being Graduates) not wishing to attend the whole course may select any one or more subjects, at fees varying from 1 to 4 guineas per class for each term, or 5 to 8 guineas a year. Any person 20 years of age, not wishing to qualify to pass the Examination for admission into the Theological Department, can enter classes for instruction in Latin, Greek, Hebrew, and Divinity, on payment of 8 guineas per term; attendance from 10 to 2 o'clock daily. In the matter of women's education, it will be remembered that King's College celebrated its jubilee three years ago by creating special classes at Kensington for female students, and the advantages were soon availed of by nearly 500 girls and women. This scheme has now become a distinct department of the College, and although locally remote, the two sets of undergraduates, male and female, are placed under the same system and government. Full particulars of this department are given in Vol. ii. of this work. In the department of General Literature, preparatory for the Universities or for the Competitive Examinations of the Civil Service, etc., the course consists of Religious Instruction, according to the principles of the Church of England, the Greek and Latin Classics, Mathematics, Modern History, French and German Literature; the fees for matriculated students are 14*l.* per term, as well as 5*l.* 17*s.* 6*d.* for matriculation fees, cap, gown, etc. Students (who must not be under 16 years of age) matriculate in January, April, or October, and keep 3 terms a year. After 3 years' study the Diploma of "Associate" is conferred. In the department of instruction in the Applied Sciences, for qualified young men to be engaged in Civil and Military Engineering, Surveying, Architecture, etc., the course comprises Religious Instruction, Mathematics, Natural Philosophy, Chemistry, Geology, Arts of Construction, Geometry, Mineralogy, Drawing, and Photography. There are workshops fitted up with engines, lathes, forges, benches, and all necessary implements, and experienced workmen are in attendance. The fees are 14 guineas a term for matriculated students, some of whom reside in the College, and some with the Professors. After keeping 9 terms in these studies, and fulfilling other conditions, the students of this department are entitled to the Diploma of "Associate of King's College." In the Medical Department, matriculated students receive their entire Medical education. The year is divided into 2 sessions, whereof the Winter Session begins October 1st, and continues to the end of March, and the Summer Session begins on May 1st, and ends with July. The College

and Hospital fees, in the case of matriculated students, for the lectures required by the College of Physicians, the College of Surgeons, and the Society of Apothecaries, amount to 125*l*. This sum will cover all that of necessity must be paid for during 3 years' course of study. Students are however recommended to add to this sum the fee for attendance on the Medical Tutor's class for 1 year, viz., 3 guineas. All resident students are required to attend the Tutor during their first year. The fees may be paid either in one sum of 125*l*. on Matriculation, or in two or three annual instalments, as may be agreed. Besides the Warneford Scholarships, which consist of 2 Scholarships of 25*l*. per annum, tenable 3 years, and the Daniell Scholarship of 20*l*. per annum, the following are given every year to matriculated students of this department :—1 of 40*l*. per annum, for 2 years, open to students of the third and fourth year; 1 of 30*l*. for 1 year, open to students of the second year; 3 of 20*l*., for 1 year, open to students of the first year; besides several valuable prizes. Classes for Evening instruction are held at King's College during the months from October to March inclusive, and during the months of April, May, and June; the former being called the winter, and the latter the summer course. The subjects and fees are as follows:—Divinity: Greek Testament; Hebrew; Latin (4 classes); Greek (4 classes); French (8 classes); German (4 classes); Italian (2 classes); English Language and Composition (5 classes); History and Geography of England; Arithmetic and Book-keeping (2 classes); Writing (official and ordinary); Mathematics, including Algebra, Euclid, Trigonometry, Differential and Integral Calculus (6 classes); the principles of Commerce and Commercial Law; Drawing (Landscape, Figure, Model and Architectural); the Elements of Chemistry; Mechanics; Physiology; Botany; Experimental Physics; Spanish; Geology and Mineralogy; Zoology; Practical Chemistry; Logic; Public Speaking and Reading; Law; Civil Service Examinations. For any single course of which (except Divinity and Practical Chemistry), 1*l*. 1*s*. 6*d*. The Divinity class is free to all students attending any other class, and 10*s*. 6*d*. when no other class is attended. Practical Chemistry 2*l*. 2*s*. for each part of the course. A special class is formed, with the view of preparing candidates for all branches of the Home Civil Service in as short a time as possible. For King's College School see following pages.

#### LIST OF OFFICERS OF KING'S COLLEGE, LONDON.

*Visitor*.—The Archbishop of Canterbury.

*Official Governors*.—Lord Chancellor, Abp. of York, Bp. of London, Lord Chief Justice of England, Secretary of State Home Department, Speaker of House of Commons, Lord Mayor, Deans of St. Paul and Westminster.

*Life Governors*.—Duke of Cambridge, K.G.; Marquis of Salisbury, K.G.; Earl of Harrowby, K.G.; Earl Powis; Sir Thomas Watson, Bart., M.D.; Rt. Hon. William Ewart Gladstone, M.P.; Rt. Hon. W. H. Smith, M.P.; Sir E. Beckett, Bart., Q.C.; and a Council of twenty-five members.

*Treasurer*.—C. P. Serocold. *Principal of the College*.—Vacant, caused by the appointment of Canon Barry to the Bishopric of Sydney. The new Head Master will be elected November 16th, 1883. See Corrigenda.

*Chaplain and Censor*.—Rev. G. W. Daniell, M.A.

*Secretary*.—J. W. Cunningham. *Librarian*.—J. Lamb.

## PROFESSORS AND LECTURERS.

- Divinity*.—Rev. G. H. Curteis, M.A.; Rev. Henry Wace, D.D.; Rev. S. Leathes, D.D.; Ven. Archdeacon Cheetham, M.A.; Rev. A. I. M'Caul, B.A.; Rev. A. J. D. D'Orsey, B.D.; Rev. C. Hole, B.A.; Rev. C. C. Mackarness, M.A.
- Classical Lit.*—G. C. W. Warr, M.A.; W. A. Gill, M.A.
- English Language*.—John W. Hales, M.A.
- Modern History*.—S. R. Gardiner, M.A.
- Mathematics*.—W. H. H. Hudson, M.A.; Rev. J. J. Heywood, M.A.; Rev. E. Day, M.A.; J. R. S. Bennett, M.A.
- Nat. Philosophy and Astronomy*.—W. G. Adams, M.A.; H. Tomlinson, B.A.
- Law and Jurisprudence*.—John Cutler.
- Logic and Metaphysics*.—Rev. A. W. Momerie, D.Sc.
- Mineralogy and Geology*.—P. M. Duncan, M.D.; Rev. T. Wiltshire, M.A.
- Chemistry and Practical Chemistry*.—C. L. Bloxam, F.C.S.; J. M. Thomson, F.C.S.; G. S. Johnson, F.C.S.
- Architecture*.—R. Kerr.
- Hebrew*.—Rev. S. Leathes, D.D.
- Public Reading*.—Rev. A. J. D. D'Orsey, B.D.
- Sanskrit and Persian*.—G. F. Nicoll, M.A.
- Hindustani*.—Thomas Howley.
- Indian Jurisprudence*.—Almaric Rumsey.
- Chinese*.—R. K. Douglas.
- Bengalee*.—Rev. J. Campbell.
- French*.—Alphonse Mariette, M.A.
- German*.—A. Buchheim, Ph.D.
- Italian*.—Vacant.
- Vocal Music*.—W. H. Monk.
- Geometrical Drawing*.—W. J. Glenny.
- Machinery*.—C. P. B. Shelley.
- Metallurgy*.—A. K. Huntington.
- Surveying*.—H. Robinson.
- Drawing*.—Prof. De la Motte.
- Commerce*.—Leone Levi, LL.D.

## PROFESSORS, MEDICAL SCHOOL.

- Anatomy*.—Dr. Curnow.
- Physiology*.—Dr. Gerald F. Yeo.
- Pathological Anatomy*.—A. B. Duffin, M.D.
- Comparative Anatomy*.—F. Jeffrey, Bell, M.A.
- Botany*.—R. Bentley, Esq., F.L.S.
- Chemistry*.—C. L. Bloxam, F.C.S.; J. M. Thomson, F.C.S.; G. S. Johnson, F.C.S.
- Hygiene*.—Charles Kelly, M.D., F.R.C.P.
- Materia Medica*.—E. B. Baxter.
- Medicine*.—Lionel Beale, M.D.
- Medicine, Clinical*.—G. Johnson, M.D.
- Medicine, Forensic*.—D. Ferrier, M.D.
- Midwifery*.—W. Playfair, M.D.
- Clinical Surgery*.—J. Wood, F.R.S.; J. Lister, F.R.S.
- Surgery*.—Henry Smith, F.R.C.S.
- Dental Surgery*.—S. Hamilton Cartwright, F.R.C.S.
- Ophthalmology*.—M. M. McHardy, F.R.C.S.
- Librarian*.—R. H. G. Tritton.

## EVENING CLASS DEPARTMENT.

*Dean*.—Rev. T. Wiltshire, M.A.

## CIVIL SERVICE DEPARTMENT.

*Lecturers*.—W. Bragington; J. Wood, M.A.; A. J. Walke; R. Hinks; R. F. Harcourt; and A. J. Comyn.

## KING'S COLLEGE SCHOOL.

STRAND, CLOSE TO THE THAMES EMBANKMENT, AND NEAR THE  
TEMPLE STATION.

This school, numbering about 600, is a branch of King's College, London, opened in 1830. The pupils of the former are quite distinct from the pupils of the latter institution. King's College School is divided into—1. The Upper School; 2. The Middle School; 3. The Lower School. The Upper School consists of—*A.* The Division of Classics, Mathematics, and General Literature; *B.* The Division of Modern Instruction. I. The Upper School: *A.* Division of Classics, Mathematics, and General Literature. *B.* Division of Modern Instruction. This Division is intended to prepare pupils for general and mercantile pursuits. II. The Middle School. This Division is intended to prepare boys for both Departments of the Upper School. III. The Lower School. This Division is intended to prepare boys for the Middle and Upper School, and to ground them thoroughly in their Elementary work. Before entering a pupil, the Head Master must be furnished with a testimonial of good conduct from the applicant's last instructor, as well as such particulars with respect to his previous studies as may lead to a correct classification. The general age of admission is from 8 to 16 years, but boys requiring special preparation for the Military, Medical, and Legal Examinations, for Civil Service appointments, or mercantile life, can be entered above this age, subject to the special approval of the Head Master. Parents desirous of obtaining any particulars before entering a pupil will save themselves much trouble if they will communicate by letter with the Head Master at King's College, London, W.C. Pupils who have been in the school 2 years, and, before leaving it, have reached the Upper Sixth Class, are entitled to be recommended for election as Associates of King's College, London, after 2 years' study in the General Literature or Applied Sciences Departments of the College, instead of after 3 years as in all other cases. The vacations consist of 7 weeks in summer, 3 weeks at Christmas, and 3 weeks at Easter. The fees for the whole regular course of instruction are: for boys entering under 16 years of age, 24*l.* per annum; for boys entering over 16 years of age, 30*l.* per annum, including stationery and the use of books. There are 3 terms in the year. An additional sum of 2*s.* 6*d.* is charged in the Michaelmas term. The following reduction of fees is made in favour of boys who pass from the school into the college as matriculated students, after having spent at least 5 terms in the school: viz., General Literature and Science Department reduced by one-sixth each Division; Engineering and Applied Science Department, reduced from 14*l.* to 10*l.* 10*s.*; Medical Department, all fees for college and hospital are reduced one fifth from the amount stated in the Calendar and Prospectus. Scholarships and Exhibitions: The "Forest" Scholarship of 30*l.*, tenable for 3 years; a Mathematical Scholarship of 30*l.*, tenable for 3 years; the "Inglis" Scholarship of 20*l.*, tenable for 1 year; and several exhibitions and prizes. 16 boys are, from time to time, elected by the Council to be Choral Exhibitioners of this College. Courses of lectures are delivered each term on some branch of Natural Science and Theoretical Chemistry. In connection with King's College



School, Workshops have been established, supplied with the necessary apparatus for wood-work, metal-work, turning, and planing. Pupils have special facilities for becoming practically acquainted with the details of carpenters', joiners', and cabinet work, so as to enable them to construct for themselves models either in wood or metal. Boarders.—The following Masters have also the sanction of the Council for taking boarders into their houses from any of the 3 Divisions of the school: Reginald Geare; G. W. Springfield, East Molesey; Rev. Blomfield Jackson, M.A., of Exeter College, Oxford, Rothbury House, Putney, S.W.; Edward Brooksmith, M.A., of S. John's College, Cambridge, Stone Lodge, S. John's, Kent. Terms: the terms in the seboarding houses are 20 guineas per term, payable in advance, exclusive of the College fees; 1 guinea per term is charged for washing, and 1 guinea at entrance, for the use of plate, linen, etc.

#### LIST OF OFFICERS.

*Head Master.*—Rev. T. H. Stokoe, D.D.

*Vice-Master.*—Rev. John Twentyman, M.A.

*Assistant Masters and Lecturers.*—Rev. Otto Adolphus, M.A.; Rev. Blomfield Jackson, M.A.; Rev. C. W. Kett, M.A.; Rev. R. H. Belcher, M.A.; Rev. F. B. Proctor, M.A.; G. F. Larcher, B.A.; Reginald Geare, B.A.; C. A. Browne, B.A.; Rev. C. C. Elam, M.A.; W. F. R. Ellis, B.A.; F. B. Speed, B.A.; J. S. Thomas, B.A.; W. H. Taylor; Rev. W. B. Robinson, B.A.; W. A. Burgess, B.A.; G. Wotherspoon, M.A.; W. J. Clarke, B.A.; E. Brooksmith, M.A.; W. Angel Thomas; Alexander Hall; Thomas Green; Herbert Tomlinson, B.A.; J. M. Thompson, F.C.S.; A. T. Flagg, B.A.; MM. Dupuis, Gaborit, and Delbos; G. A. Reinicke; M. A. G. Dietart, Professor De la Motte, F.S.A.; F. J. Jones; and Professor Glenny.

*Workshop.*—D. Walker. *Gymnasium.*—R. Castellote.

### QUEEN'S COLLEGES, IRELAND.

The Queen's Colleges were established by Charter in 1849. They are three in number, and are called—Queen's College, Belfast; Queen's College, Cork; Queen's College, Galway. Now that the place of the Queen's University has been taken by the Royal University, no connexion exists between the Colleges and the new University as existed under the old system, and the particulars of these Colleges are given in Part VIII. in topographical order.

The corporate body of each College consists of the President and Professors, the general government and administration being vested in a Council, consisting of the President and six members of Council, elected by the Professors from amongst themselves. The members of the Council hold office for three years, the two senior in each year retiring. The duties of the Council are to make regulations for the government of the College in cases not provided for by the statutes, to prescribe the courses of instruction to be given, to provide for the maintenance of discipline and good conduct amongst the students, and to exercise a general supervision and control over the income and expenditure of the College. Before the dissolution of the Queen's University, these Colleges were its feeders; and in order to graduate in the University not only was it necessary to undergo the two



University examinations, but also three sessions at one of the Colleges should be kept. In the account given on page 88 of the Royal University of Ireland it reads, in the second line, as if the "Queen's Colleges" had been dissolved, whereas it is only the "Queen's University" which is now non-existent. This University was founded in 1850 under the name and style of the "Queen's University in Ireland," and its charter provided that the senate should have power to confer upon the students of the "Queen's Colleges" of Belfast, Cork, and Galway, such degrees and distinctions in the Faculties of Arts, Law, and Physic, as were granted and conferred in other Colleges and Universities of Great Britain and Ireland, but it received no other students but those from the three "Queen's Colleges" above referred to. From the growing influence and importance of the educational institutions in connection with the Roman Catholic Church the Roman Catholic hierarchy naturally objected to the "Queen's Colleges," and to the rule of the "Queen's University" which excluded from degrees all but "Queen's College" students. To meet this difficulty and reasonable objection, it was ultimately decided to dissolve the "Queen's University," and in its place the "Royal University" was established. The "Queen's Colleges" although still existing have now no definite connection with any University, and the particulars are therefore given in Part VIII., arranged in topographical order among the other endowed institutions in the kingdom. The "Royal University of Ireland" (see p. 88) grants degrees to all comers, for it is an Examining as distinguished from a Collegiate Institution, being framed on the model of the London University. The "Royal University of Ireland" is however the sole legatee of the "Queen's University," and all "Queen's University" graduates have their status preserved in connexion with the "Royal University of Ireland," and, besides this, those students who had only gone through *a part* of the course of studies towards obtaining their degrees are permitted to take up their standing in the Royal University of Ireland, and thus complete their course. Within the past five years the whole educational machinery of Ireland has been reconstituted, changes are still in progress, and some of the matter given in the chapter on Intermediate Education in Ireland may be found a little antiquated; likewise full justice may not have been accorded to the great work now being done in this department of education by the Roman Catholic Institutions of that country. The author will therefore be glad to receive any recent *data* for insertion in the next edition of the work.

## CAMBRIDGE.

The Board of Indian Civil Service Studies have appointed the following new teachers of Oriental languages—viz., in Hindi and Hindustani, Lieutenant-Colonel W. W. Sherlock. In Bengali, Mr. J. F. Blumhardt. In Persian, Mr. C. E. Wilson. The Rev. A. H. Arden has been re-appointed teacher of Tamil and Telugu, and Mr. Blumhardt will teach Marathi if required, so that the system of instruction in the vernacular Indian languages presented by the Civil Service Commissioners is now complete with the exception of Burmese and Gujarati. Selected candidates for the Indian Civil Service intending to reside at Cambridge should communicate with the secretary of the Board of Indian Civil Service Studies, Sir Roland K. Wilson, 4, Devana-terrace, Cambridge.

PART IV.

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OUR MILITARY

AND

NAVAL SCHOOLS AND COLLEGES

AND

OUR CIVIL SERVICE

EXAMINATIONS.



# PRESTON HOUSE,

LITTLE BOOKHAM, near LETHERHEAD.

(Little Bookham is a healthy village, 3 miles from Letherhead. Letherhead is 20 miles from London, Waterloo or Victoria.)

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The Rev. T. W. NIXON, M.A.,

*Late Exhib., etc., of Magdalen College, Cambridge,*

Assisted by an experienced staff of Masters and Lecturers, prepares a small number of Pupils, who must be of approved antecedents and character, for the Competitive Examinations for admission into Sandhurst, Woolwich, the Universities, and Cooper's Hill.

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## TERMS.

200 Guineas per Scholastic Year, amounting to 40 weeks.

The Extras are Science, F. Drawing, Laundress, Firing in Bedrooms, etc.

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The scope of Preston House has been specially framed to meet a long-recognized want, viz., an efficient Establishment where the numbers are limited, and Parents can be also assured that High Tone, Moral Welfare, and Comfort are rigid factors of the Regime. Amid the high pressure of modern competition, statistics show that individual attention, attainable only from Technical Private Tuition, offers the average Candidate the best chance of success. In the eager pursuit of this advantage, ulterior questions of the most momentous nature have been overlooked. The miscellaneous gathering together of youths in localities full of temptation, and under circumstances wrong in principle, has been the cause of ruin to their temporal and moral prospects. No Pupil can be received into Preston House whose character and antecedents will not bear scrutiny.

# PART IV.

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## OUR MILITARY AND NAVAL SCHOOLS AND COLLEGES

AND OUR

## CIVIL SERVICE EXAMINATIONS.

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### MILITARY.

INTRODUCTORY REMARKS.

ROYAL MILITARY COLLEGE, SANDHURST.

ROYAL MILITARY STAFF COLLEGE.

REGULATIONS FOR ADMISSION OF OFFICERS OF THE MILITIA.

ROYAL MILITARY ACADEMY, WOOLWICH.

SCHOOL OF MUSIC, KNELLER HALL.

ARMY MEDICAL SCHOOL, NETLEY.

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DEPARTMENT OF ARTILLERY STUDIES.

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This course will include Instruction to Militia Officers, to Candidates for the Royal Staff College, and to Officers of the Army and Auxiliary forces preparing for Promotion Examinations.

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25 Guineas per month, payable in advance.

Reduced Terms to non-residents.



# OUR MILITARY AND NAVAL SCHOOLS AND COLLEGES

AND

## CIVIL SERVICE EXAMINATIONS.

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### INTRODUCTORY REMARKS.

It is intended in this part of the work to give, in a concise yet comprehensive and reliable form, the necessary information required by intending Candidates for the Army or the Civil Service, and this will, doubtless, be found useful by Principals of Schools who prepare pupils for these special Examinations. These branches of study have therefore been referred to in as copious a manner as possible, with the subjects required, the means for entrance and passing, the limit of age, and the nature and value of the appointment to be competed for. Intending Candidates for such appointments as are open to competition, may here readily learn the conditions of the competitive test, and the proper authorities to whom they should apply. In this introductory article the past system of entering the Army, Naval, and Civil Services is briefly referred to. Prior to the nomination of a Committee of Inquiry in 1853, appointments in public offices were obtained solely through political patronage, and without any regard to the qualifications or fitness of the Candidates. Members of Parliament felt they had a vested right in this patronage. But a Committee of Inquiry being appointed, their Report, bearing the signatures of Sir Stafford Northcote and Sir C. E. Trevelyan, provided for—(1) A proper system of Examination for the supply of the public services with a thoroughly efficient class of men; (2) To encourage industry and foster merit by teaching all public servants to look forward to promotion according to their deserts, and to expect the highest prizes in the service if they can qualify themselves; (3) To mitigate the evils which result from the fragmentary character of the service, and to introduce into it some elements of unity, by placing the first appointments upon one uniform footing, opening the way to the promotion of public officers to staff appointments in other departments than their own, and introducing into the lower ranks a body of men (the supplementary clerks) whose services may be made available at any time and in any office whatever.

By an Order in Council of 1855, the following regulations came in force :—

1. That the limit of age be first clearly ascertained.
2. That the Candidate be free from any physical defect or disease.

3. That the character of the Candidate be good.
4. That the Candidate possess the requisite knowledge and ability for the office he seeks.
5. That the Candidate be free from pecuniary difficulties in any form.

By this new system no one could become a Candidate unless he had received a nomination from a Minister or Head of Department, and he could not then obtain the appointment unless he possessed the required qualifications. Up to this time the appointments under the Crown were only open to a comparatively small section of the community, and a vast number of qualified young men were completely shut out from this kind of employment. An important Order in Council was, however, issued in 1870, by which many appointments in the Civil Service were thrown open to public competition. Examinations are now periodically held by the Civil Service Commissioners, of which due notice is given in the London newspapers. In these competitions any British subject qualified by age, health, character, &c., may take part. The Office of the Civil Service Commissioners is in Cannon Row, Westminster, where any information as to forthcoming competitions can be had. These Examinations are held in London, Edinburgh and Dublin. A Candidate on passing a successful Examination does not on receiving his appointment become permanently employed; he has first to enter on probation for six months, and upon completion of this term he will, if the report of the Head of his Department is satisfactory, have his appointment confirmed. Persons wishing to become Candidates must apply to the Civil Service Commissioners by letter, and in their own handwriting, for permission to attend the Preliminary Examination, at least ten days before the day named for holding such Examination; and on receipt of this the Commissioners will supply the necessary forms and papers. Admission to the Civil Service, which gives employment to 180 clerks with a minimum salary of 800*l.* per annum, 25,356 clerks whose minimum salary is less than 800*l.* per annum, and 12,856 schoolmasters, teachers, and monitors, is now obtained (1) by private interest, through which means the Candidate obtains a nomination, but requires subsequent success in an Examination; (2) by competition, open to all Candidates, without private influence, and limited only by certain regulations as to age, health, character, &c.

By an Order in Council issued in 1876, a Lower Division of the Civil Service was constituted. This Lower Division consists of men clerks and boy clerks. The Examination for these appointments is somewhat similar, as concerning men, to those of Class II., referred to further on; but for boy clerks a more limited number of subjects is required. The salaries of men clerks in this division commence at 80*l.*, and for boy clerks at 40*l.* yearly. From a return recently issued, it appears that the number of civilians employed as clerks in the service of the Crown is 25,536; the salaries (exclusive of the charge for temporary clerks) amounted to the large yearly

sum of 4,501,313*l*. The cost to the nation of keeping up our Naval and Military Establishments, according to the estimated expenditure for 1878-79, was 15,595,800*l*. for the army; and for the Navy, 11,053,901*l*. With regard to the entry into these particular branches of Her Majesty's Service, if we compare the present system with that existing forty years ago, there will be found an equally marked and altered state of things to those which have affected the Civil Service. To enter the Army or Navy in the good old days, as they are by many still called, was a very different matter to entering at the present day. Then, any officer having any claims at all could, by a little pressure in the right direction, be almost certain to succeed in bringing the name of a son, or of some connexion of his family, under the prominent and favourable notice of the proper authorities at the Horse Guards or the Admiralty, with the invariable result that such nominee would, very soon after this step, and without further qualification, be gazetted to a commission, with orders to join his regiment or his ship. These easy-going times were somewhat changed by a qualifying Examination, which gave place to the more severe and surer test of the competitive system. The papers that are laid before Candidates become every year more difficult, and it is only those who have received a really good education, and who have the good sense and energy to take advantage of it, that now have any chance of entering either the Army or the Navy. Old and retired officers of experience have frequently expressed the difficulties they meet with in giving their sons the necessary education to enable them to follow a similar profession, the cost being in most cases far beyond the range of their limited official incomes. A real boon would be conferred, and with advantage to the Service, upon such officers if, by the combined action of the Admiralty and the War Office educational establishments were formed at our chief naval ports, the education to be exclusively for the benefit of the sons of Naval and Military Officers. The admission and tuition fees to be paid by the Students could be of a very moderate cost, and yet sufficient to recoup the outlay. This step would not only be one in the right direction, but it would also be some recognition of the past services of old, and in many cases distinguished, servants of the Crown, who would thus have an opportunity of educating their sons up to the required standard at a minimum cost. The Prospectuses of some excellent Naval and Military Schools, and likewise of many successful *Coaches* for the Military and Civil Service Examinations, will be found in the Appendix of this work; the cost of this education is in most cases high, although not more so than is in accordance with the class of instruction required, necessitating as it does that each Tutor should have the assistance of Professors and Masters of the greatest eminence; and the stipends of a large staff of such men, who have generally taken high Honours at their respective Universities, and who are otherwise fitted for the work, necessarily represents a very large outlay.

# OUR MILITARY SCHOOLS.

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The British Army, according to the latest return, numbers 189,069 men and officers, and is made up by the following:—A total of all ranks on the home establishment of the regular forces of 101,468, on the Colonial, of 26,010, and on the Indian establishment, of 61,591, making a grand total of 165,386 rank and file, and 189,069 of all ranks. The artillery militia number 19,854 of all ranks, the engineer militia 1,449, infantry militia 117,575, and Channel Islands militia 3,996. The yeomanry cavalry is 14,404. The total of the volunteer force amounts to 247,922, and the entire total is 594,269.

The main division of the British Army is cavalry, infantry, artillery, and engineers. These again are sub-divided into sections or regiments; as for instance, there are in the cavalry thirty-one regiments. These are the Household Cavalry (1st and 2nd Life Guards, and Royal Horse Guards), seven regiments of Dragoon Guards, three of Dragoons, thirteen of Hussars, and five of Lancers. The Artillery is divided into Royal Horse Artillery, Field Artillery, and Garrison Artillery. The corps of Royal Engineers is divided into forty companies, two troops, A and C, and a *dépôt* train. At the head of the infantry stands the Foot Guards, composed of the Grenadier Guards (three battalions), the Coldstream Guards (two battalions), and the Scots Guards (two battalions). There are besides these 109 regiments of the line exclusive of the Rifle Brigade (four battalions), the 1st and 2nd West Indian Regiments, and the Royal Malta Fencible Artillery.

The order of precedence may be stated as follows: viz., the two Scientific Corps, *i.e.*, the Royal Artillery and Royal Engineers, the Brigade of Household Cavalry, and the Cavalry of the Line, the Militia, the Yeomanry, and the Volunteers; the two latter being termed the Auxiliary Forces.

## *Secretary of State for War.*

The Right Hon. the Marquis of Hartington.

## *Commander-in-Chief and Field Marshal.*

His Royal Highness The Duke of Cambridge.

## *Director-General of Military Education.*

Lieutenant-General C. P. B. Walker, C.B.

## *Assistant Directors.*

Bt.-Col. G. D. Barker, and Bt.-Col. J. P. Battersby.

## *Deputy Assistant Director.*

Bt.-Major Spencer E. Orr.

## *Under-Secretary of State for War.*

Earl of Morley.

## *Permanent Under-Secretary.*

Sir R. W. Thompson, K.C.B.

## *Assistant Under-Secretary of State for War.*

Colonel H. G. Deedes.

*Office.*—Gun House, St. James's Park, S.W.

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## ROYAL MILITARY COLLEGE, SANDHURST, FARNBOROUGH STATION, HANTS.

The particulars as to the Examinations which are held by the Civil Service Commissioners for admission to the Royal Military College, and for



first appointments therefrom to the Army, will be briefly given in these pages. Details of the rules of this College may be obtained from the printed regulations issued by the War Office. This College was founded in 1799, and formerly it was intended for the instruction of candidates for admission into the Army, either after competitive examinations or by purchase. These were admitted into what was then termed "the Cadet College," and about 300 Cadets were received. Thirty free Commissions were given every half-year to those highest on the list at the competitive examinations then held. This organisation has been recently changed, and the College is at present maintained for the purpose of affording a special military education to Candidates for Commissions in the Cavalry and Infantry. Admission as Cadets will be granted to successful Candidates after certain competitive examinations, held at different Universities, and in various parts of the country. Candidates for first appointments to the Army will, with the exception of Lieutenants of Militia, and Non-commissioned Officers recommended for promotion, be required in future to pass through a course of instruction as Cadets at the Royal Military College. The number of Cadets admitted to the College vary, according to the requirements of the Service. The dates of admission are the 10th February and 1st September in each year. The Examinations are conducted by the Civil Service Commissioners twice a-year, in the months of December and July. Notice is given from time to time of the day and place, and of the number of vacancies open to competition at each periodical Examination. The number of trials allowed will not exceed two in the case of University Candidates, and three in that of other Candidates. All Candidates are inspected by a Medical Board; and none will be considered eligible for a Commission unless certified by the Board to be free from any bodily defects or ailments, and in all respects, as to height and physical qualities, fit for Her Majesty's Service. Cases of exceptional shortness of stature are referred to the War Office for special consideration. The limits of age for admission by competition, for Queen's Cadets, Queen's Honorary Cadets, Indian Cadets, and Pages of Honour, are from 17 to 20; for Students of the Universities, from 17 to 21; and for Graduates of the Universities who shall have passed the Examination for the Degree of B.A. or M.A., from 17 to 22. Competitors who desire to obtain Commissions in West India Regiments may be admitted up to the age of 24. This extension of the limit of age will not apply to University Candidates. A Candidate for admission by open competition at the December or July Examination, must send to the Military Secretary, not later than the 15th October or 15th May respectively, an application to be examined, accompanied by the following papers:—(a) An extract from the register of his birth; (b) A Certificate of good moral character. And he will be required to satisfy the Civil Service Commissioners in the following subjects:—(1) Mathematics,—viz., (a) arithmetic, including vulgar and decimal fractions, proportion, and simple interest; (b) geometry, not beyond the standard of the first book of Euclid. (2) French, German, or some other modern language; the Examination being limited to a translation from the language, and grammatical questions. (3) Writing English correctly, and in a good legible hand, from dictation. (4) The elements of geometrical drawing, including the construction of scales and the use of simple mathematical instruments. (5) Geography. No marks will be allotted for the above Preliminary Examination, excepting for geometrical drawing, the maximum number for which will be 300. The Preliminary Examination will be dispensed with in the case of Candidates



who have passed it at previous Examinations, but they may again take up geometrical drawing if they wish to obtain marks in that subject. The "further Examination" will be held half-yearly, about the months of December and July. The subjects of the further Examination, and the maximum number of marks obtainable for each subject, are as follows:— (1) Mathematics,—viz., algebra, up to and including quadratic equations; the theory and use of logarithms; geometry; plane trigonometry; and mensuration, 3,000 marks. (2) English composition, tested by the power of writing an essay, letter, or précis; English Literature, limited to specified authors; and English history, limited to certain fixed periods: the authors and periods being notified beforehand, 3,000 marks. (3) Latin, 3,000 marks. (4) Greek, 2,000 marks. (5) French, the Examination to be partly colloquial, 2,000 marks. (6) German, the Examination to be partly colloquial, 2,000 marks. (7) Experimental sciences,—viz., (a) chemistry and heat; or (b) electricity and magnetism, 2,000 marks. (8) General and physical geography and geology, 2,000 marks. (9) Drawing, free-hand, 1,000 marks. (10) Geometrical drawing, 300 marks. Of these ten subjects Candidates will not be allowed to take up more than four nor less than two, exclusive of drawing.

### EXAMINATION OF UNIVERSITY CANDIDATES.

A Graduate or Student of one of the Universities who, having obtained his University qualification while within the maximum limit of age, is desirous of becoming a Candidate for a Cadetship at the Royal Military College, must send an application to the Military Secretary in the month of May or October, with a view to his appointment; but no such application can be admitted before the Candidate has actually attained the age of 17, nor later than the 31st of May or the 31st October next following the date of his attaining the maximum limit of age prescribed for Graduates and Students respectively. The application must be accompanied by papers (a) and (b), and by a certificate from the proper authority that he has taken his Degree in Arts, or has passed the required University Examination.

Notice will be given from time to time of the number of Cadetships which will be allotted half-yearly to University Candidates. In case there should be more Candidates than vacancies, the required number will be selected by competition among the said Candidates at the ensuing July or December Examination, but without a Preliminary Examination, except in Geometrical Drawing, which is obligatory. University Candidates who may have been unsuccessful at their first Examination, are allowed a second opportunity of competing, provided that "Students" shall not have exceeded their twenty-second year, and that "Graduates" shall not have exceeded their twenty-third year, at the time of such second Examination. These limits of age will be ruled by the 1st July for the summer, and by the 1st January for the winter Examinations.

Queen's Cadets are son of officers of the Army, Royal Navy, and Royal Marines, who have fallen in action, or died of wounds received in action, or of disease contracted on service abroad, and who have left their families in reduced circumstances. These are appointed by the Secretary of State on the recommendation of the Commander-in-Chief or First Lord of the Admiralty. Honorary Queen's Cadets are subject to similar conditions to the above. Applications for Queen's Cadetships and Honorary Queen's

Cadetships should be addressed to the Military Secretary, if the Candidate is the son of an Officer of the Army, or to the Secretary of the Admiralty, if the Candidate is the son of an officer of the Royal Navy or Royal Marines. Indian Cadets are the sons of persons who have served in India in the Military or Civil Service of Her Majesty, or of the East India Company, and are nominated by the Secretary of State for India in Council, under the provisions of 21 and 22 Vic., c. 106, and 23 and 24 Vic., c. 100. Applications for Indian Cadetships should be addressed to the Military Secretary, India Office. Queen's Cadets, Honorary Queen's Cadets, Indian Cadets, and Pages of Honour, before admission to the Royal Military College, are required to pass a qualifying Entrance Examination only—*i.e.*, after having passed the Preliminary Examination they must obtain such an aggregate of marks as may indicate in the judgment of the Civil Service Commissioners a competent amount of general proficiency. A Queen's Cadet, Honorary Queen's Cadet, Indian Cadet, or Page of Honour who can produce a University Certificate, will be exempted from the qualifying Entrance Examination. The terms of payment per annum for Cadets are as follows:—

|                                                                                                                                                                                                                                |                                              |     |     |     |     |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----|-----|-----|-----|-----|-----|------|
| Queen's Cadets                                                                                                                                                                                                                 | ...                                          | ... | ... | ... | ... | ... | ... | Nil. |
| For an Indian Cadet.                                                                                                                                                                                                           | By special arrangement with the India Office |     |     |     |     |     |     |      |
| For the son of an Officer of the Army or Navy who has died in the service, and whose family is left in pecuniary distress (subject to the approval of our Secretary of State)                                                  | ...                                          | ... | ... | ... | ... | ... | ... | £20  |
| For the son of an Officer below the rank of Colonel or Regimental Field Officer in the Army and Captain or Commander in the Navy, or of an Instructor at the Royal Military Academy or Royal Military College or Staff College | ...                                          | ... | ... | ... | ... | ... | ... | 40   |
| For the son of a Colonel or Regimental Field Officer in the Army, or of a Captain or Commander in the Navy, or of a Professor at the Royal Military Academy or Royal Military College or Staff College                         | ...                                          | ... | ... | ... | ... | ... | ... | 60   |
| For the son of a General Officer who is not Colonel of a Regiment, or of a Vice or Rear-Admiral                                                                                                                                | ...                                          | ... | ... | ... | ... | ... | ... | 70   |
| For the son of an Admiral, or of a General Officer who is Colonel of a Regiment or in receipt of Indian Colonel's allowances                                                                                                   | ...                                          | ... | ... | ... | ... | ... | ... | 80   |
| For the son of a private gentleman                                                                                                                                                                                             | ...                                          | ... | ... | ... | ... | ... | ... | 125  |

The pay of a Cadet is 3s. a-day. It is issued to cover the expenses of regimental clothing, messing, washing, and other contingencies. All other necessary expenses which cannot be covered by his pay, are chargeable to his parents or guardian, in addition to the regulated contribution. Each Cadet other than a Queen's or Indian Cadet, on first joining is required to pay, in addition to the regulated contribution, a sum of 25*l.* to cover the expense of uniform, books, &c., and to bring with him the articles of clothing of which he will receive notice, and which must afterwards be kept up at his own expense.

The Commander-in-Chief is the President; and an independent inspection by a Board of Visitors, appointed by the Secretary of State for War, and reporting to him, is made once a-year.

The College is under the control of a Governor, and he is assisted in the arrangement of the studies by a Board, composed of the Commandant and the Professors or senior Instructors of the different branches. The Governor is assisted by a Staff Officer, who is responsible in his temporary

absence for the charge of the establishment. The Cadets are subject to such rules and regulations as are, or may be from time to time, established for the maintenance of good order and discipline. The Governor will have the power of rustication and removal from the College, reporting the circumstances to the Commander-in-Chief. In cases requiring more serious notice, Cadets will be liable, on the report of the Governor to the Commander-in-Chief, to be removed from the list of Candidates for Commissions.

The Cadets are distributed in divisions of not less than 25, each division being under the immediate charge of one of the Professors or Instructors, selected by the Governor.

The Cadets salute all Officers, Professors, and Instructors belonging to the College, whether in or out of uniform, and all other officers when in uniform.

The Cadets will be required to appear at all times in uniform, except when on leave of absence, or when otherwise exempted by the Governor.

Candidates for first appointments in the Army, who are successful in the Examinations specified, will join the Royal Military College as Cadets for one year, to be divided into two terms, during which the course of instruction will last. The College terms are from 10th February to 15th July, with suspension of study during a fortnight at Easter; and from 1st September to 20th December. The intermediate periods constitute the vacations. The following subjects form the ordinary course of obligatory studies:—(a) Queen's Regulations and Orders for the Army; regimental interior economy, accounts, and correspondence. (b) Military Law. (c) The Elements of Tactics. (d) Field Fortification, and the Elements of Permanent Fortification. (e) Military Topography, and Reconnaissance. (f) Infantry and Field Artillery Drill, Riding and Gymnastics. At the end of the course, the Cadets will be required to pass an Examination in the field and on paper, and those who pass a satisfactory Examination become entitled to Commissions in the Army as Second Lieutenants, and will be gazetted to Regiments in the order in which they pass. Marks will be allotted to the obligatory subjects in the following proportions:—Queen's Regulations, &c., &c.,  $1\frac{1}{2}$ ; Military Law, 2; Elements of Tactics, 3; Fortification, 3; Military Topography and Reconnaissance, 3; Drill, Gymnastics, and Riding (one each), 3. In order to ensure due diligence during the whole period of residence, there is, at the end of the first term, a Probationary Examination in the work of that term. A Cadet failing to pass satisfactorily through the Probationary Examination at the end of his first term, will lose a term and not get class promotion. No Cadet will be permitted to reside for more than one year at the College, except in cases of failure at the Probationary Examination, protracted illness, or long absence from any unavoidable cause, or of his being prevented by unavoidable cause from undergoing the Final Examination. In these cases an extra term will, if specially recommended by the Governor, be allowed. The Dining-halls, Halls of Study, Reading and Recreation Rooms, and Quarters of the Cadets are furnished in all essentials by the Government. A Cadet will be removed for moral or physical unfitness; and if he fail to pass the Examination at the end of his second term of residence, he will not be permitted to return, but will be allowed to be re-examined once at the next ensuing Examination. A failure at this re-examination disqualifies a Cadet for a Commission in the Army, and his name will be at once removed from the list.

## STAFF OF OFFICERS.

*President.*—Field-Marshal H.R.H. the Duke of Cambridge, K.G.,  
G.C.B., K.P., G.C.S.I., G.C.M.G., Gren. Gds., &c.

*Governor.*—Lieut.-Gen. Sir R. C. H. Taylor, K.C.B.

*Commandant and Secretary.*—Bt.-Col. F. D. Middleton, h.p., late 29th Foot  
p.s.c. : 1st Jan., 1877 ; 8th Sept., 1874.

*Chaplain.*—Rev. W. Sykes, M.A.

*Adjutant and Quarter-Master.*—John Davies, Hon. Captain, (Acting Commissariat and Ordnance Store Officer : 1st Jan., 1877.

*Surgeon.*—Surg.-Major A. S. F. Clarke, M.D., Sept. 1st, 1882.

*Assistant Surgeon.*—Surg.-Major W. Finlay, 15th June, 1880.

*Riding Master.*—C. C. Brooke, Hon. Capt. : 12th March, 1861 ; 15th June, 1858.

## MILITARY PROFESSORS AND INSTRUCTORS.

*Professors and Instructors in Fortification.*

Major R. H. Williams, R.E.

Capt. J. S. H. Craigie.

Major L. K. Scott, R.E.

Capt. H. T. Wing, 97th Foot.

Capt. H. T. W. Allatt.

Capt. A. Bogle.

Lieut. E. J. T. Ross.

E. A. Anderson, h.p., 1st Jan., 1883.

*Professor of Military Topography.]*

Bt. Lieut.-Col. W. Paterson, h.p., 63rd Foot, m.c.c. 25th Mar., 1869

*Instructors in Military Surveying.*

Capt. H. R. H. Brickenden, 42nd Foot.

Major C. H. Bunbury, 94th Foot.

Bt.-Major R. H. Rosser, 37th Foot.

Capt. H. E. C. Kitchener, 46th Foot.

Lieut. J. R. Young

Capt. C. W. Vulliamy.

Capt. H. B. Mortimer.

## PROFESSOR OF TACTICS, MILITARY ADMINISTRATION, AND LAW.

Bt.-Major C. C. King, R. Mar. Art. ... .. 1st June, 1878

*Instructors in Tactics, Military Administration, and Law.*

Bt.-Major B. G. Hall, R. Mar. Art.

Major H. M. Moorsom, R. Art.

Capt. E. J. Courtenay, 35th Regt.

Capt. A. G. Impey, 107th Regt.

Major A. R. Savile, 18th Foot.

Major W. H. Daniel, 15th Foot.



## MILITIA.

## REGULATIONS FOR ADMISSION INTO THE ARMY.

The object of subjecting Militia candidates for Army commissions to qualifying literary examinations is, presumably, simply to ascertain that they possess the average education of English gentlemen. Hence the examination is only qualifying, and competition is reserved for the examination in military subjects.

1. From the 1st January, 1879, the previous system of permitting Officers commanding Militia Regiments to nominate Lieutenants of their Regiments for Commissions in the Army was discontinued, and any Subaltern Officer of a Militia Regiment who may wish to become a candidate for an Army Commission will, subject to the conditions prescribed below, be allowed to compete for a Commission in an Examination in Military subjects. These competitive Examinations will be held twice a year, in the months of March and September, before boards of officers appointed for the purpose at the several stations named in the Appendix A, and subject to the rule as to age in paragraph 4. Examination papers will be furnished by the Director-General of Military Education, and due notice will be given of the days on which the Examination will be held.

2. An Officer who is recommended as a Candidate will be required—(a) To be within the ages of nineteen and twenty-two on the 1st January immediately preceding the competitive military Examination which he is permitted to attend. (b) To have served two annual trainings. (c) To have passed the Examination before the Civil Service Commissioners, described in Appendix C, or to produce an University Certificate, as prescribed in Appendix D.

3. The application of a Militia Subaltern to be admitted to the Competitive Military Examination will be submitted through the Officer commanding his Regiment, who will state whether he can recommend the officer as a fit and proper person for a Commission in the Army; and in forwarding the same, the Officer commanding the sub-district, and the General Officer commanding the District, will state their opinion of the Candidate. In the event of the Officer commanding the Regiment being unable to recommend the Candidate, the special reasons will be stated.

4. The application must be forwarded to the Military Secretary, Horse Guards, War Office, prior to the 1st January and 1st July, respectively, and should be accompanied by—

(a.) Certificate of birth, or, in default, a declaration made by one of the Candidate's parents or guardians before a magistrate, giving his exact age. A certificate of baptism cannot be accepted in lieu of a certificate of birth. (b) Certificate of having served two annual trainings (each training in a distinct year). (c) The certificate, W. O. Form 748, showing also the date on which the finding of the Board which granted the certificate was approved. (d) A certificate from the Civil Service Commissioners that the Candidate has passed the examination described in Appendix C, or an University Certificate as prescribed in Appendix D. (e) The Candidate's address, and an intimation as to which of the stations named in the Appendix A he would wish to attend for examination.

5. On the receipt of the application and documents referred to in paragraph 4, instructions will be issued to the Candidate as to the place and time at which he will be required to present himself for the competitive military examination.

6. The examination before the Civil Service Commissioners, referred to in appendix C, will be held twice a year, in the months of April and October.

7. A Militia Subaltern Officer who is desirous of attending the exami-



nation before the Civil Service Commissioners must apply accordingly to his Commanding Officer, at such a date as will allow of the Commanding Officer forwarding the application to the Military Secretary not later than the 15th February or 15th August, for the April and October examinations respectively. The Commanding Officer in forwarding the application will certify that the Subaltern Officer in question is, having regard to the maximum limit laid down in paragraph 4 (a), eligible in point of age, and that he is prepared, when necessary, to recommend him in the manner prescribed in paragraph 6. Not more than three trials at these examinations will be allowed.

8. Until further notice, sixty Army Commissions will be allotted to the successful competitors at each of the half-yearly competitive examinations.

9. A standard of qualification in the subjects for examination given in Appendix B, will be required at all future examinations.

10. The text books for the competitive military examination (after this year) of the Subaltern Officers of Militia Regiments who are candidates for Army Commissions, will be those in use at the time at the Royal Military College which, for the present, are as follows :—

1. The Elements of Field Fortification (Philip's Course of Artillery and Fortification). 2. Military Topography (Paterson's Notes on Military Surveying and Reconnaissance). 3. The Elements of Tactics (Field Exercises—Clery's Minor Tactics). 4. Military Law (Army Discipline and Regulation Act 1879—Queen's Regulations—Elements of Military Administration and Law) (Boughey).

#### APPENDIX A.

Stations at which Militia Subaltern Officers who are recommended as Candidates for Army Commissions may appear for the Competitive Military Examination. *England*: Colchester, Aldershot, Dover, Portsmouth, Plymouth, York. *Scotland*: Edinburgh. *Ireland*: Dublin, Belfast, Cork.

#### APPENDIX B.

Subjects of the Military Competitive Examination to be passed by Subaltern Officers of Militia (Artillery or Infantry).

1. The Rifle Drill and Practice, and the Theoretical Principles of Musketry (*Text-books*, Rifle and Carbine Exercises and Musketry Instruction, July 1879). 2. The Queen's Regulations and Orders for the Army, 1873 (Sections 6, 7, 8, 12, 13, 16, 17, 23), with the mode of marching reliefs and posting sentries (*Text-books*, Field Exercise of Infantry, Queen's Regulations). 3. The Army Discipline and Regulation Act, 1879 (Part I. to Section 56, inclusive; and sections 80, 133, 134, 175, and 181), and the "Rules of Procedure" made under the Acts (*Text-book*, Army Discipline and Regulation Acts, 1879). 4. The Regulations of the Army in regard to the pay and messing of troops (*Text-books*, Royal Warrant for Pay, Promotion, etc., 1878, Revised Army Regulations, vol. i.) Queen's Regulations (Revised Army Regulations, vol. ii.) (Commencing with the 1st Examination of 1881.) 1. The Elements of Field Fortification. 2. Military Topography. 3. The Elements of Tactics. 4. Military Law.

#### APPENDIX C.

*Examination to be passed before the Civil Service Commissioners.*

1. Mathematics,—viz., (a) arithmetic, including vulgar and decimal fractions, proportion, and simple interest; (b) geometry, not beyond the standard of the first book of Euclid. 2. French, German, or some other modern language; the examination being limited to a translation from the language, and grammatical questions. 3. Writing English correctly, and in a good legible hand, from dictation. 4. The elements of geometrical drawing; including the construction of scales, and the use of simple mathematical instruments. 5. Geography.

No marks will be allotted for the above preliminary examination, excepting for geometrical drawing, the maximum number for which will be 300.

The Preliminary Examination will be dispensed with in all other subjects in the case of Candidates who have passed it at previous Examinations. Candidates will also be exempted from the "preliminary" examination, in all subjects except Geometrical Drawing, if they can produce the certificate of the Oxford and Cambridge Schools Examination Board, provided it embraces Mathematics. If it does not include that subject, they will be required also to undergo an examination therein.

The "further Examination" will be proceeded with immediately on the conclusion of the "Preliminary Examination." Candidates who fail in the Preliminary Examination will be informed of their failure as soon as possible, and they will then be released from further attendance.

The subjects of the further Examination, and the maximum number of marks obtainable for each subject, will be as follows :—

1. Mathematics—viz., algebra up to and including quadratic equations; the theory and use of logarithms; geometry; plane trigonometry; and mensuration (3,000). 2. English composition, tested by the power of writing an essay, letter, or précis; English literature, limited to specified authors; and English history, limited to certain fixed periods; the authors and periods being notified beforehand (3,000). 3. Latin (3,000). 4. Greek (2,000). 5. French; the examination to be partly colloquial (2,000). 6. German; the examination to be partly colloquial (2,000). \*7. Experimental sciences,—viz., (a) chemistry and heat; or (b) electricity and magnetism (2,000). 8. General and physical geography and geology (2,000). 9. Drawing (free hand) (1,000).

Of these nine subjects Candidates will not be allowed to take up more than four nor less than two, exclusive of drawing.

In order to secure proper proficiency in all the subjects taken up by a Candidate, a certain number will be deducted from the marks gained by the Candidate in each subject.

To pass this Examination, a Candidate must obtain, in the subjects which he takes up, such an aggregate total of marks as may, after the deduction above mentioned, indicate in the judgment of the Civil Service Commissioners a competent amount of general proficiency.

#### APPENDIX D.

*Certificate to be produced by a Graduate or Student of the Universities.*

A Certificate from the proper authority that he has taken his Degree in Arts, or has passed the Examination specified below, at one of the following Universities, viz. :—

Oxford, "Moderations;" Cambridge, "the Previous Examination;" Dublin, "the Final Examination of the Senior Freshman year; Durham, "the first year's Examination;" Queen's University, Ireland, "the first University Examination in Arts or in Engineering;" Scotch Universities: "The Examination for Candidates for the Army;" London University: The "First Examination" for the Degrees of B.A., LL.B., B.Sc., or M.B.

## ROYAL MILITARY STAFF COLLEGE, SANDHURST.

FARNBOROUGH STATION, HANTS.

This College is open to officers of all arms of the Service, and consists of forty Students; admission to the College is determined by a competitive Examination. Only one officer at a time can belong to the College from a battalion of Infantry or a regiment of Cavalry, and only ten officers at a time from the two corps of Royal Artillery and Royal Engineers. Every application to study at the Staff College must be made whilst the officer making it is present and serving with his regiment, through the Commanding Officer. No application from an officer on leave is entertained.

Twenty vacancies are offered for competition annually, five of which may be filled by officers of the Royal Artillery and Royal Engineers, highest on the list.

No payment is required from Students to the funds of the College beyond an entrance fee of 3*l.* from an unmarried and 1*l.* 10*s.* from a married officer, as a contribution to the College mess funds, in addition to the regulated quarterly subscription; and an entrance subscription of three guineas to the College library.

The qualifications requisite for admission are:—

- a. A service of not less than five years, previous to Examination, exclusive of leave of absence.
- b. A certificate from his Commanding Officer, that the Candidate is in every respect a thoroughly good regimental officer.
- c. A confidential report (in answer to specific questions) regarding the character, habits, and disposition of the Candidate.
- d. A certificate that the Candidate, if not a captain, has passed the Examination for a troop or company, and the "Special Army Examination."
- e. A medical certificate of good health and fitness for the active duties of the staff.

The competitive Examination for entrance to the Staff College comprises the following subjects, the relative value of each at the Examination being shown by the number of marks attached to it:—

Mathematics, limited to arithmetic, algebra, geometry, plane trigonometry, and elementary mechanics (900). Military history and geography (900). French (400). German (300). Hindustani (300). Fortification (600). Military topography (300). Geology, exclusive of mineralogy (300). Chemistry, heat, electricity, and magnetism (300).

The College course of study commences annually on or about the 1st February.

The obligatory subjects are:—1. Mathematics (1st year only). 2. Fortification and field engineering. 3. Artillery. 4. Topographical drawing, military surveying, and sketching and road making. 5. Reconnaissance. 6. Military art, history, and geography. 7. Military administration and law. 8. French, or German, or Hindustani. 9. Riding.

A synopsis of the course of study will be forwarded to any officer on application to the Director-General of Military Education, War Office.

The course of study occupies two years, which period is not to be exceeded.

The yearly course is divided into two terms, viz., from the 1st February to the 15th July, and from the 1st September to the 15th December, the intervening periods constituting the vacations.

At the end of the second year a final Examination will be held for the purpose of testing the general proficiency of the Students in the obligatory subjects of the College course.

In the Examination in modern languages, great stress will be laid on original composition, and on colloquial knowledge, and Candidates who shall have proved their fitness for employment in the topographical department of the War Office, by a superior knowledge of French and German, as well as of Topography, will be named in the report of the Director-General of Military Education as qualified for employment in that Department.

#### STAFF OF OFFICERS AND PROFESSORS.

*Commandant.*—Bt. Col. C. O. Creagh-Osborne, C.B., h.p., late Brig. Dep. May 11th, 1878.

#### PROFESSORS.

*Mil. Art and Hist.*—Lieut.-Col. T. E. Hall, 49th Regt. 24th Dec., 1878.

*Fortification and Artil.*—Lieut.-Col. L. A. Hale, h.p., R. Engineers. 1st Feb., 1878.

*Mil. Drawing and Surveying.*—Lieut.-Col. W. H. Richards, 55th Foot. Oct. 16th, 1878.

*Staff Duties and Mil. Adminis. and Law.*—Major F. C. H. Clarke, R.A., 1st July, 1870.

*Mathematics.*—Rev. J. F. Twisden, M.A., 1st July, 1877.

*French.*—Monsieur A. Aigre de Charente, 12 Nov., 1870.

*German.*—Herr C. Jecp, 1st Sept., 1877.

*Russian.*—Professor Riolo, 1st April, 1881.

*Hindustani.*—M. Kempson, M.A., 1st Feb., 1882.

*Chemistry and Natural Philosophy.*—Edmund Atkinson, Esq., Ph.D., F.C.S.

### ROYAL MILITARY ACADEMY, WOOLWICH.

Founded 1741. This Military Academy is maintained for the purpose of affording a preparatory education to Candidates for the Royal Artillery and Royal Engineers; the education is chiefly technical, and in no obligatory subject is carried beyond the point useful to both corps alike.

The number of Cadets varies according to the requirements of the Service, and the admission is determined by competition, unaccompanied by nomination. Notice is given from time to time of the Examinations for admission, which are conducted under the superintendence of the Civil Service Commissioners, and take place half-yearly, at Christmas and Midsummer.

The limits of age for admission are from 16 to 18 years.

Any gentleman who wishes to present himself at one of the competitive Examinations must send in his name to the Military Secretary at the Horse Guards two months before the time of his Examination, forwarding the following papers:—

1st. An extract from the register of his birth.

2nd. Certificates of good moral character from his twelfth year to the date of application.

Candidates are inspected by Military Surgeons on the first day of the Examination, in order that it may be ascertained that they are free from any bodily defects.

The number of trials allowed will not exceed three.



Every Candidate will be required to pass a qualifying Examination, and immediately after passing the "preliminary," a further Examination. Candidates must qualify in the following subjects:—

1. Mathematics—viz., (a) arithmetic, and the use of common logarithms; (b) algebra, including equations, progressions, permutations and combinations, and the binomial theorem; (c) geometry, up to the standard of the sixth book of Euclid; (d) plane trigonometry, including the solution of triangles.
2. French, German, or some other modern language, the examination being limited to translation from the language, and grammatical questions.
3. Writing English correctly, and in a good legible hand, from dictation, and English composition.
4. Geometrical drawing.

No marks will be allotted for the Preliminary Examination, excepting for mathematics (2,000), for English composition (500), and for geometrical drawing (300). Candidates are required to satisfy in mathematics, one modern language only, geography, English composition, dictation, and geometrical drawing.

In the further Examination the maximum number of marks obtainable for each subject are as follows:—

Mathematics (viz., further questions and problems) (4,000). English composition and literature, including 500 allotted in the preliminary Examination (2,000). English composition and history (2,000). Latin (2,000). Greek (2,000). French (2,000). German (2,000). Italian, Russian, Spanish, or Hindustani, at option of Candidates (2,000). Experimental sciences, chemistry, heat, &c., (2,000). Free-hand drawing (1,000).

Of these nine subjects a Candidate will not be allowed to take up more than four for competition, or five if free-hand drawing be one of them. A Candidate may in reality pass with one subject only (mathematics), provided he has qualified previously.

The terms of payment to be contributed annually on behalf of a Cadet are paid half-yearly, in advance, and are the same as at the Royal Military College, Sandhurst (see p. 143).

The pay of a Cadet is 3s. a day: it is issued to cover the expense of regimental clothing, messing, washing, and other contingencies.

Each Cadet on first joining will be required to pay, in addition to the regulated contribution, a sum of 25*l.* to cover the expense of uniform, books, &c., and to bring with him the articles of clothing of which he will receive notice, and which must afterwards be kept up at his own expense.

The Field-Marshal Commanding-in-Chief is the President of the Royal Military Academy.

The Academy is under the control of a Governor, a military man, selected with special reference to his qualifications for superintending both instruction and discipline, and appointed by and responsible to the Secretary of State for War, through the Field-Marshal Commanding-in-Chief.

The Governor, with the approval of the Secretary of State for War, will have the power of appointing and removing the Professors and Instructors.

The organization is on a military basis. The Cadets form one company under a Captain, assisted by four Lieutenants, charged with the discipline out of studies and the drill, one of whom will be Adjutant and Quarter-Master. The Professors and Instructors may be either military men or civilians.



The Professors and Instructors will have certain limited powers of punishment, within and without the halls of study, at the discretion of the Governor, to whom they will report all punishments which they may inflict.

A sword is given at each final Examination as a special reward for excellence in conduct.

The length of the course of instruction is two years and a half, and if any Cadet fail to come up to the required standard at two Examinations, he will be removed.

The following subjects form the course of obligatory subjects:—

1. Mathematics, including a thorough knowledge of plane trigonometry (the above to form the first year's course); practical mechanics, with the application of mathematics to machinery.
2. Fortification, field and permanent; such a course as is suitable to Cadets qualifying for the Artillery, and the requisite amount of geometrical drawing.
3. Artillery; such a course as is suitable to Cadets qualifying for the Engineers.
4. Military drawing, with field sketching and reconnaissance.
5. Military history and geography.
6. French or German, at the Student's choice.
7. Elementary chemistry and physics.
8. Drills and exercises.

Marks are assigned to the obligatory subjects of instruction in the following proportions:—

|                                       |     |                                    |     |     |                |
|---------------------------------------|-----|------------------------------------|-----|-----|----------------|
| Mathematics and mechanics             | ... | ...                                | ... | ... | 7              |
| Fortification                         | ... | ...                                | ... | ... | 7              |
| Artillery                             | ... | ...                                | ... | ... | 5              |
| Military drawing and reconnaissance   | ... | ...                                | ... | ... | 6              |
| Military history, &c.                 | ... | ...                                | ... | ... | 3              |
| One modern language, French or German | ... | ...                                | ... | ... | 2              |
| Elementary chemistry and physics      | ... | ...                                | ... | ... | 2              |
| Drills and<br>exercises.              | {   | Manual, platoon, and Company drill | ... | ... | $\frac{1}{2}$  |
|                                       |     | Gymnastics                         | ... | ... | $\frac{1}{2}$  |
|                                       |     | Riding and sword exercises         | ... | ... | $\frac{1}{2}$  |
|                                       |     | Artillery                          | ... | ... | 2              |
|                                       |     |                                    |     |     | $3\frac{1}{2}$ |

No obligatory subject will gain a Cadet any marks unless he obtain a minimum of one half marks in it, and no Cadet will be ensured a Commission unless he qualify by obtaining at least one half marks in the obligatory course in mathematics and mechanics, fortification and artillery, and one half of the total aggregate of the marks allotted to all the obligatory subjects.

In addition to the obligatory course every Cadet will be allowed at his option to take up certain voluntary subjects.

#### STAFF OF OFFICERS AND PROFESSORS.

*President.*—Field-Marshal H.R.H. The Duke of Cambridge, K.G., G.C.B., K.P., G.C.S.I., G.C.M.G., Gren. Gds., &c. 8th Feb., 1870.

*Governor.*—Major-Gen. J. F. M. Browne, C.B., R. Eng. 2nd June, 1880.

*Secretary and Treasurer.*—Colonel W. D. Marsh, R. Eng. 20th Sept., 1877

*Captain of a Company of Gentlemen Cadets.*—Lieut.-Col. A. Harness, C.B.

*Adj. and Quarter-Master.*—Captain W. E. Hardy, R.A. 20th Sept., 1877.  
*Surgeon.*—Sur.-Major G. H. J. Evatt, M.D.  
*Chaplain and Classical Instructor.*—Rev. J. Bond, M.A. 19th Feb., 1875.

## PROFESSORS.

*Prof. of Math. and Mechanics.*—Morgan G. Crofton, Esq., B.A., F.R.S.  
*Instructors of Mathematics* ... { H. Hart, Esq. ... 19th Mar., 1873  
 E. F. S. Tylecote, Esq., M.A. 19th Mar., 1873  
 Captain P. A. MacMahon, R.A. 23rd Mar., 1882  
*Prof. of Fort. and Geom. Drawing* ... {  
*Instructors of Fortification and Geometrical Drawing* ... { Major W. G. Ross, R. Eng. 1st Oct., 1876  
 Captain A. C. Ward, R. Eng. { 4th Aug., 1877  
 1st Oct., 1876  
 Capt. J. Matheson, R. Eng. 1st Mar. 1880  
 Capt. H. W. Renny-Taylor, R.E. 1st Apr., 1881  
 Major J. T. Marsh, R.E. ... 22nd Feb., 1882  
 Capt. C. W. Sherrard, R.E. 1st Oct., 1882  
*Instructors of Artillery.* { Lieut.-Col. W. Kemmiss, R.A. 15th Mar., 1881  
 Capt. G. Mackinlay, R.A. 30th Sept., 1880  
 Capt. R. S. Watson, R.A. 27th Nov., 1880  
*Prof. of Military Drawing.*—Major F. Roberts, R. Art. 20th Sept., 1877  
*Instructors of Military Topography* ... { Major V. F. Rowe, R.E. ... 20th Sept., 1877  
 Capt. H. H. Crookenden, R. A. 14th April, 1883  
*Prof. of Military History.*—Major S. C. Pratt, R. A. 14th June, 1879  
*Professor of French.*—Monsieur A. Barrère.  
*Professor of German.*—F. Lange, Ph.D.  
*Professor of Landscape Drawing.*—W. Clifton, Esq.  
*Professor of Chemistry and Physics.*—Dr. W. Hodgkinson, R.E.

## SCHOOL OF MUSIC, KNELLER HALL, NEAR HOUNSLOW.

This Military School of Music is conducted at Kneller Hall, near Hounslow, London, and it was established in 1857, with the object of giving a thorough musical training to bandmasters, and for the instruction of soldiers, who are selected by their commanding officers, to become more efficient members of regimental bands. In Germany the taste for music is so great and general, that the keeping up of regimental bands is comparatively an easy task, so that it frequently is practicable to form a supplementary band in addition to the Regulation one. This is quite the reverse in England. The late Lord Gough well knew the value of stirring music in connexion with troops on the march, or in the hour of danger and attack; and the abolition of the bands in the French Cavalry by Marshal Neil has ever since been regretted. It is satisfactory to know that according to the Queen's Regulations a band should form an integral part of every regiment. A certain number of soldiers, with one sergeant and one corporal, and who are subject to the ordinary military discipline, constitute the band of an English regiment, the cost of instruments and the salary of the bandmaster (if a civilian) being defrayed by the officers. Thus the excellence of the bands must depend very much on the private means of the

officers ; for the regulation stoppage pay of an officer is not sufficient to keep up a good band. Until the establishment of the Kneller Hall Institution the efficiency of a military band depended chiefly upon the ability and zeal of a competent bandmaster. This Institution is kept up by the payment of 10*l.* a year from the Band Fund of each regiment, and other sources of income. The mode of admission is on the recommendation of the commanding officer, who selects a boy or soldier who has a musical taste. He can then study at the school for two years, afterwards he is appointed to a regiment when a vacancy occurs. Those men who go through the course of training for bandmasters are also selected by the commanding officer, and in each case on the recommendation of the bandmaster. They have to be instructed in every instrument which is played by the band. A bandmaster ranks and receives the pay and allowance of a first class staff sergeant, and in addition to this he receives 100*l.* per annum out of the Band Fund. The most satisfactory results have attended the systematic and efficient training at this Institution, which owes its existence to Mr. Henry Schallehn, Civilian Bandmaster, 2nd battalion Rifle Brigade and 17th Lancers, from 1840 to 1854, who, as Founder, became the first Residential Musical Director at Kneller Hall in 1857, and he was also appointed first Musical Director at the Crystal Palace in 1854. The first Commandant was Lieut.-Col. Sykes Stephens in 1857.

*Assist. Adj. & Quar. Mast. Gen. as Commandant*—Lieut.-Col. R. T. Thompson,  
56th Foot. 1st May 1880.

*Director of Music* ... .. C. Cousins.

## ARMY MEDICAL SCHOOL.

### ROYAL VICTORIA HOSPITAL, NETLEY, NEAR SOUTHAMPTON.

All Candidates for each of the three Military Medical Services of the Queen (British, Indian, and Naval) are obliged to go through a four months' course of special training at this School. They are selected by an open competitive examination, held in London twice a year (in February and in August). The Candidates are then examined by an Examining Board in the following compulsory subjects ; and the highest number of marks attainable are distributed as follows :—

*a.* Anatomy and Physiology, 1,000 marks ; *b.* Surgery, 1,000 ; *c.* Medicine, including Therapeutics, the Diseases of Women and Children, 1,000 ; *d.* Chemistry and Pharmacy, and a practical knowledge of drugs, 100 marks. The Examination in Medicine and Surgery is in part practical, and includes operations on the dead body, the application of surgical apparatus, and the examination of medical and surgical patients at the bedside. The eligibility of each Candidate for each Service is determined by the result of the Examinations in these subjects only. Examinations are also held in the following voluntary subjects, for which the maximum number of marks are—French and German (150 each), 300 marks ; Natural Sciences, 300 marks. The knowledge of modern languages being considered of great importance, all intending competitors are urged to qualify in French and German. The Natural Sciences include Comparative Anatomy, Zoology, Natural Philosophy, Physical Geography, and Botany, with special reference to *Materia Medica*. The number of marks gained in both the voluntary

subjects will be added to the total number of marks obtained by those who shall have been found qualified for admission, and whose position on the list of successful competitors will thus be improved in proportion to their knowledge of modern languages and these branches of Natural Science.

After passing this Examination, every Candidate will be required to attend one entire course of practical instruction at the Army Medical School on—(1) Hygiene ; (2) Clinical and Military Medicine ; (3) Clinical and Medical Surgery ; (4) Pathology of Diseases and Injuries incident to Military Service. The Naval Candidates attend, in addition, special courses of instruction in Naval Hygiene, given by the Professor of Naval Hygiene—a naval medical officer specially appointed for that duty.

The Lectures on Military Surgery include gunshot wounds and other injuries ; arrangements for the transport of wounded ; duties of Army Surgeons in the field, during sieges, on transport, and other special subjects. Those on Military Medicine refer to tropical diseases, and especially diseases of soldiers in the British possessions and colonies, and to the losses by disease in peace and war at home and abroad. The Lectures on Hygiene comprise all duties relating to the examination of water, air, food, clothing, of the soldier, his duties and exercise, and the circumstances affecting his health ; also the subjects of meteorology, statistics, and prevention of the principal diseases met with in the Army, on home or foreign service. The Lectures on Pathology have reference chiefly to the scientific examination of organs and parts affected by disease, which the Army Surgeon is specially called upon to investigate.

The Candidates also attend in the wards of the Hospital to study the diseases of invalids under the Professors of Medicine and Surgery, the system of recruiting, and the modes of keeping the Army medical returns, records, and diet sheets. They are also called on to make *post mortem* examinations, to operate on the dead body, and to pass through courses of practical instruction in the laboratory on the modes of recognising the qualities and adulterations of food, and in the microscope room on the modes of microscopic examination of morbid tissues, the adulterations of food, and examinations of deposits in water.

At the conclusion of each session at Netley the Candidate will be required to pass an Examination conducted by the Professors of the school on the subjects taught in the school. If he give satisfactory evidence of being qualified for the practical duties of a military medical officer, he will be eligible for a commission as surgeon in the service he has chosen. The position of the Candidates on the list of Surgeons will be determined by the combined results of the preliminary London Examination and of the final Examination at Netley ; and, as far as the requirements of the services permit, they will have the choice of Presidency in India, or of eligible appointments in the Army and Navy, according to their position in that list. During the period of his residence at Netley, each Candidate receives an allowance of 5s. *per diem* with quarters, or 7s. *per diem* without quarters, to cover all cost of maintenance ; and he is required to provide himself with uniform (*viz.*, the Regulation undress uniform of a Surgeon, but without the sword. All Candidates are required while at Netley to conform to such rules of discipline as the Senate of the School may from time to time exact.

Two Prizes are awarded at the end of each session. (1) The Candidate who gains the highest number of marks at the combined Examinations of London and Netley, to him will be awarded the Herbert Prize (sum of 20*l.*,



paid him through the W.O.) (2) To the Candidate who similarly stands highest in Military Medicine, is awarded the Martin Memorial Medal.

The School is governed by a Senate, and its administration is directly under the Secretary of State for War.

The conditions for admission of Candidates to the competitive examinations in London vary in each of the three services as follows :—

### NAVAL MEDICAL SERVICE.

1. Every Candidate desirous of presenting himself for admission to the Naval Medical Service must be not under twenty-one nor over twenty-eight years of age. He must produce a certificate from the District Registrar, in which the date of birth is stated ; or, if this cannot be obtained, an affidavit from one of the parents or other near relative, who can attest the date of birth, will be accepted. He must produce also a certificate of moral character, signed by a clergyman or a magistrate to whom he has been for some years previously known, or by the President or Senior Professor of the College at which he was educated.—2. He must be free from organic disease, and will be required to make a declaration that he labours under no mental or constitutional disease or weakness, nor any other imperfection or disability that can interfere with the most efficient discharge of the duties of a medical officer in any climate. His physical fitness will be determined by a Board of Medical Officers, who are to certify that his vision comes up to the required standard, which will be ascertained by the use of Snellen's test-types. He must also attest his readiness to engage for general service, and to proceed on foreign service when required to do so.—3. He must be registered under the Medical Act in force at the time of his appointment as licensed to practise Medicine and Surgery in Great Britain or Ireland.—4. Certificates of registration, character, and age must accompany the Schedule when filled up and returned.

After completing three years' full-pay service, Surgeons will be allowed to be examined for the rank of Staff-Surgeon, but no Surgeon can be promoted to the rank of Staff-Surgeon until he shall have served five years, two of which must have been in a ship actually employed at sea.

### ARMY MEDICAL SERVICE.

1. Every Candidate desirous of presenting himself to compete for a commission in the Army Medical Department must be twenty-one years of age, and not over thirty-two years at the date of the commencement of the competitive Examination. He must produce an extract from the register of his birth, or, in default, a declaration made before a magistrate by one of his parents or guardians, giving his exact age. He must also produce a recommendation from some person of standing in society—not a member of his own family—to the effect that he is of regular and steady habits, and likely in every respect to prove creditable to the department if a commission be granted ; and also a certificate of moral character, from the parochial clergyman if possible.—2. The Candidate must sign a declaration upon honour that both his parents are of unmixed European blood, and that he labours under no mental or constitutional disease, nor has any hereditary tendency thereto, nor any imperfection or disability that can interfere with the efficient discharge of the duties of a medical officer in any climate ; also that he does not hold, and has never held, any commission or appointment in the public



services. His physical fitness will be determined by a Board of Medical Officers, who are required to certify that the Candidate's vision is sufficiently good to enable him to perform any surgical operation without the aid of glasses. A moderate degree of myopia will not be considered a disqualification, provided it does not necessitate the use of glasses during the performance of operations, and that no organic disease of the eyes exists. The Board must also certify that he is free from organic or other disease, and from constitutional weakness, or tendency thereto, or other disability of any kind likely to unfit him for military service in any climate.—3. Certificates of age, registration of diplomas, &c., and of character, must accompany the declaration when signed and returned.—4. Candidates must have two qualifications—one to practise medicine, and the other surgery, and must be so licensed under the Medical Act of 1858.—5. Those gentlemen who may be selected for appointments will receive 250*l.* per annum and allowances in addition, after passing the Examination at the Army Medical School at Netley.—6. The tenure of appointment will be limited to ten years, and on the completion of that period of commissioned service, surgeons, unless they be specially selected for further employment in the Department, will be entitled to receive, in lieu of all pension on retirement (pension for wounds excepted) the sum of 1,000*l.*—7. Application for admission to the London Examination should be made in writing to the Director-General of the Army Medical Department, London, by whom a printed schedule, containing further particulars, will be furnished.

#### INDIAN MEDICAL SERVICE.

1. All natural-born subjects of Her Majesty, between twenty-two and twenty-eight years of age at the date of Examination, and of sound bodily health, may be Candidates. They may be married or unmarried. They must possess a diploma in Surgery or a license to practise it, as well as a Degree in Medicine or a license to practise it, in Great Britain or Ireland.—2. They must subscribe and send in to the Military Secretary, India Office, Westminster, *so as to reach that address at least a fortnight before the date fixed for the Examination*, a declaration according to a specified form (to be obtained at the India Office); and this declaration must be accompanied by the following documents:—(a) Proof of age, either by the Candidate's own declaration (form of which is to be obtained at the India Office) or by extract from the register of the parish in which he was born (a certificate of baptism which does not afford proof of age will be useless). (b) A certificate of moral character from a magistrate, or a minister of the religious denomination to which the Candidate belongs, who has personally known him for at least two years preceding the date of his application. (c) A certificate of registration, in accordance with the Medical Act of 1858, of the degrees, diplomas, and licenses possessed by the Candidate.—3. The physical fitness of Candidates will be determined previous to Examination by a Board of Medical Officers, who are required to certify that the Candidate's vision is sufficiently good to enable him to perform any surgical operation without the aid of glasses. A moderate degree of myopia would not be considered a disqualification, provided it did not necessitate the use of glasses during the performance of operations, and that no organic disease of the eyes existed. Every Candidate must also be free from organic disease of other organs, and from constitutional weakness, or other disability likely to unfit him for Military Service in India.

### DIFFICULTY IN OBTAINING MEDICAL OFFICERS.

It is a recognised fact that applications from candidates for the Army Medical Service have greatly decreased of late years, making it extremely difficult to fill up the vacancies so frequently occurring. The service having become generally unpopular, chiefly caused by their status in the regiment not being adequately recognised, and until the proper social privileges and the full rank is accorded to them, and equal position with combatant officers is admitted, the present difficulties will remain, and the Army Medical Service still be as distasteful to the feelings of educated gentlemen as it is at the present day. A Committee, appointed by Lord Cranbrook, to inquire into the whole of the circumstances which tend to deter eligible candidates from coming forward for this important and honourable service, have issued their report, and most of the difficulties will be removed; it is intended they shall henceforth be designated "Royal Army Surgeons," and their social equality and Regimental Status will be more clearly defined.

### STAFF OF OFFICERS AND PROFESSORS.

#### SENATE.

*President and Director-General Army Medical Department.*—Surgeon-General Dr. T. Crawford.

*Governor and Commandant Royal Victoria Hospital.*—General Sir C. K. Pearson, K.C.M.G.

*Director-General Medical Department of the Navy.*—J. W. Reed, M.D.

*Physician to the Council of India.*—Surgeon-Gen. Sir Joseph Fayrer, M.D.

The Professors of the Army Medical School.

The Principal Medical Officer at Netley (*ex-officio*).

#### PROFESSORS.

|                          |     |                                                 |
|--------------------------|-----|-------------------------------------------------|
| <i>Military Surgery</i>  | ... | Surgeon-General T. Longmore, C.B.               |
| <i>Military Medicine</i> | ... | Inspector-General W. C. Maclean, M.D., C.B.     |
| <i>Military Hygiene</i>  | ... | Surg.-Major F. S. B. François de Chaumont, M.D. |
| <i>Pathology</i>         | ... | W. Aitken, Esq., M.D., F.R.S.                   |
| <i>Naval Hygiene</i>     | ... | J. D. Macdonald, Esq., M.D., F.R.S., R.N.       |

#### ASSISTANT PROFESSORS.

|                                                           |     |                              |
|-----------------------------------------------------------|-----|------------------------------|
| <i>Military Surgery</i>                                   | ... | Surgeon-Major R. Tobin.      |
| <i>Military Medicine</i>                                  | ... | Surgeon-Major W. Cherry.     |
| <i>Military Hygiene</i>                                   | ... | Surgeon-Major S. Moore, M.B. |
| <i>Pathology</i>                                          | ... | Surgeon-Major T. Lewis, M.B. |
| <i>Secretary.</i> —Heinrich Theodor Gustav Borchert, Esq. |     |                              |

### SCHOOL OF MUSKETRY AT HYTHE.

The School of Musketry at Hythe was established in 1853, with the object of supplying a central school of instruction in the new system of musketry practice, in consequence of the introduction of rifled arms into the Service. At present the establishment serves a double purpose:—it is at once a Normal School to which a certain proportion of officers, non-commissioned officers, and privates are annually sent from various branches of the Service to be trained in the established system of musketry, and which supplies the regular army with a staff of regimental instructors; and, in

addition, it constitutes a department exercising functions of general supervision and inspection over the musketry practice of the army, and ensuring uniformity in the mode in which the authorized regulations are carried out.

The staff of the School consists of a Commandant, a Deputy Assistant, Adjutant-General, one Chief Instructor (a Field Officer), two Captain Instructors, two Subaltern Instructors, a Quartermaster and Adjutant, a Surgeon, and a number of non-commissioned officers and privates employed partly as instructors and partly on duties incidental to the establishment.

In order to carry out the system of musketry uniformly throughout the Service, there is attached to each battalion of infantry, and to the corps of Royal Engineers, a paid musketry instructor, who has obtained a certificate of qualification at the Central School at Hythe.

Every battalion of Infantry, and, as a rule, every regiment of Cavalry, as well as the corps of Royal Engineers, passes annually through a regular course of musketry instruction. This course comprising preliminary drill, with the view of habituating the soldier to the proper use of his rifle, theoretical instruction, and terminating with ball practice. Recruits on first joining go through a more extended course than that to which the trained soldier at a later period of his service is subjected.

The officers who regimentally conduct the musketry instruction throughout the Service are, as we have stated, trained in the duties they perform at the Central School at Hythe. At this establishment four separate courses of instruction are carried on annually, each course lasting two months. During every course nearly 300 individuals are generally under instruction. Of these the proportions from the various ranks are, about 60 officers, 160 non-commissioned officers, and 80 privates. Among the officers, besides those of the various branches of the regular land forces, are included a certain proportion of officers of the Royal Navy and Marines, and of the Militia and Volunteers : the great majority of the non-commissioned officers and privates belong to the regular Army.

The course of training at the School consists of practical and theoretical instruction in the mode of conducting the established system of musketry practice, and of imparting to others the knowledge thus acquired. With this is combined, in the case of officers, a voluntary course of lectures, intended to afford a more scientific acquaintance with the theory of projectiles, and the history and progressive improvement of small arms. Throughout the course the officers and non-commissioned officers are subjected to a constant series of Examinations, designed to test both their theoretical acquaintance with the subjects taught at the School, and their power of communicating instruction to others. According to the proficiency thus shown, combined with the results of a final Examination at the end of the course, they receive certificates of qualification as instructors, the certificates granted to officers being of three classes, representing various degrees of merit.

#### STAFF OF OFFICERS.

*Commandant and Insp. Gen.*—Col. H. W. J. Trent, h.p., late 68th Foot. 31st January 1880.

*Captain and Dep. Ass. Adj. Gen.*—Major W. Marsden, 82nd Foot. 1st January, 1880.

*Chief Instructor.*—Lieut.-Col. J. K. Watson, 60th Foot. 9th March, 1880.

*Captain Instructors.* { Capt. G. Fenton ... .. 1st March, 1881.  
                               { Major G. E. Harley ... .. 20th Feb., 1882.

*Lieut. Instructors.* { *Lieut. J. N. Bagnall*, 9th Nov., 1882.  
                               { *Lieut. M. D. Dalison*, Scots Guards. 1st Dec., 1879.  
*Quarter-Master and Acting Adjt.*—*M. Murphy*, 21st Dec., 1881.  
*Surgeon.*—*J. Coates*, M.D., 1st Sept., 1881.

## DEPARTMENT OF ARTILLERY STUDIES.

### COURSES OF STUDY FOR CLASSES UNDER INSTRUCTION. OFFICERS.

In addition to the regular Classes of Officers, Officers of the Royal Marine Artillery, Militia, Colonial Corps, and from Foreign Armies, are occasionally attached to the Department of Artillery Studies for instruction.

#### ADVANCED CLASS, R.A. OFFICERS.

The course of instruction continues for two years, commencing on the 1st April every alternate year, and the following are the subjects treated of :—

| Subject.                         | Index No. for<br>Books of Reference<br>on pp. 234-236. |         |
|----------------------------------|--------------------------------------------------------|---------|
| Mathematics ... ..               | ...                                                    | 66      |
| Chemistry .. ...                 | 52—55 and                                              | 66      |
| Electricity ... ..               | 58, 61—64 and                                          | 66      |
| Heat ... ..                      | 58, 59, 60 and                                         | 66      |
| Steam and Steam Engine ... ..    | 44—51 and                                              | 66      |
| Mechanism ... ..                 | 41, 42, 43, 45—47 and                                  | 66      |
| Metallurgy ... ..                | 56, 57, 65 and                                         | 66      |
| Royal Laboratory ... ..          | ...                                                    | 1, 4, 5 |
| Royal Carriage Department ... .. | ...                                                    | 2, 7    |
| Royal Gun Factories ... ..       | ...                                                    | 3       |
| Royal Gunpowder Factories ... .. | ...                                                    | 4, 5    |
| Royal Small Arm Factories ... .. | ...                                                    | 6       |
| Magazines and Stores ... ..      | ...                                                    | 21—25   |
| Torpedoes ... ..                 | ...                                                    | 13, 40  |
| Administration ... ..            | ...                                                    | 22, 33  |

#### INSPECTORS OF WARLIKE STORES.

R.A. Officers qualifying for the appointment of Inspector of Warlike Stores, remain under instruction for about five months, commencing generally in September every alternate year, and the following subjects are treated of :—

| Subjects.                             | Index No. for<br>Books of Reference<br>on pp. 234-236. |          |
|---------------------------------------|--------------------------------------------------------|----------|
| Manufactures in—                      |                                                        |          |
| Royal Laboratory ... ..               | ...                                                    | 1, 4, 5  |
| Royal Carriage Department ... ..      | ...                                                    | 2, 7     |
| Royal Gun Factories ... ..            | ...                                                    | 3        |
| Royal Gunpowder Factories ... ..      | ...                                                    | 4, 5     |
| Royal Small Arm Factories ... ..      | ...                                                    | 6        |
| Administration ... ..                 | ...                                                    | 22, 33   |
| General Stores, Magazines, &c. ... .. | ...                                                    | 21, 25   |
| Chemistry ... ..                      | ...                                                    | 52 or 53 |

## R.A. OFFICERS OF THE "SCHOOL OF GUNNERY : LONG COURSE."

The course of instruction preparatory to proceeding to the School of Gunnery lasts for two months, commencing annually on or about the 1st of February, and the following instruction is given :—

| Subjects.                        | Index No. for<br>Books of Reference<br>on pp. 234-236. |
|----------------------------------|--------------------------------------------------------|
| Manufactures in—                 |                                                        |
| Royal Laboratory ... ..          | 1, 4, 5                                                |
| Royal Carriage Department ... .. | 2, 7                                                   |
| Royal Gun Factories ... ..       | 3                                                      |
| Royal Gunpowder Factories ... .. | 4, 5                                                   |
| Chemistry ... ..                 | 52 or 53                                               |

## R.A. "SHORT COURSE" OFFICERS.

Classes of R.A. Officers occasionally join the Department for a two months' course in the Departments of the Royal Arsenal only.

## R.A. OFFICERS TEMPORARILY COMMISSIONED.

By the Regulations for the government of the Royal Military Academy, the education of the Cadets is not carried, in any obligatory subject, beyond the point useful to both the Corps of Royal Artillery and Royal Engineers ; consequently *detailed information* concerning Ammunition and Artillery Stores required by Artillery Officers is not given at the Royal Military Academy, though a general idea of them is considered part of the course of instruction.

The following subjects form, together with the practical instruction at the School of Gunnery, the course for the Officers on being commissioned.

Field Battery and the necessary Infantry Drills are supposed to be learnt on the Officers being finally posted to Brigades.

The Course of Instruction at Woolwich normally lasts for three months, preceding that at the School of Gunnery ; two or three batches of Officers being commissioned annually.

The following are the subjects treated of whilst the Class is attached to the Department of Artillery Studies:—

| Subjects.                                                                         | Index No. for<br>Books of Reference<br>on pp. 234-236. |
|-----------------------------------------------------------------------------------|--------------------------------------------------------|
| Manufactures in—                                                                  |                                                        |
| Royal Laboratory ... ..                                                           | 1, 4, 5                                                |
| Royal Carriage Department ... ..                                                  | 2, 7                                                   |
| Royal Gun Factories ... ..                                                        | 3                                                      |
| Gunpowder and Gun Cotton ... ..                                                   | 4, 5                                                   |
| Small Arms ... ..                                                                 | 6                                                      |
| Torpedoes and Submarine Mines ... ..                                              | 13, 40                                                 |
| Armour Plates, &c. ... ..                                                         | 10                                                     |
| Armaments of Fortresses ... ..                                                    | } ... 21—23                                            |
| Equipments of Field and Siege Artillery ... ..                                    |                                                        |
| Method of demanding Artillery Ammunition, and Stores } ... 21—23                  |                                                        |
| Lectures on Care of Horses in Stables and on the March ... ..                     | 14, 38, 39                                             |
| Riding and Sword Drill ... ..                                                     | 31                                                     |
| Topography (Military Sketching and Projects on Horse-<br>back and on Foot) ... .. | } ... 14—20                                            |
| Administration ... ..                                                             |                                                        |
| Military Law ... ..                                                               | 26, 28                                                 |
| Interior Economy and the Usages of the Service, Pay, } ... 36                     | } ... 28                                               |
| Clothing, and Correspondence ... ..                                               |                                                        |



The whole of the foregoing Instruction is given by the Officers of or connected with the Department of Artillery Studies, with the exception of that in Equitation, which is under the direction of the Superintendent, Riding Establishment, R.A.

#### ORDNANCE STORE OFFICERS.

Classes of Officers of the Ordnance Store Department remain under instruction for six weeks, and the following Subjects are treated of :—

| Subjects.                        | Index No. for<br>Books of Reference<br>on pp. 234-236. |
|----------------------------------|--------------------------------------------------------|
| Manufactures in—                 |                                                        |
| Royal Laboratory ... ..          | 1, 4, 5                                                |
| Royal Carriage Department ... .. | 2, 7                                                   |
| Royal Gun Factories ... ..       | 3                                                      |
| Gunpowder and Gun Cotton ... ..  | 4, 5                                                   |
| Small Arms ... ..                | 6                                                      |
| Stores ... ..                    | 21, 22, 23                                             |

#### ROYAL NAVAL OFFICERS.

The Course lasts for about one month, the Class being formed of Officers, R.N., qualifying for Gunnery Lieutenants, and the manufactures in the following Departments are treated of :—

| Subjects.                        | Index No. for<br>Books of Reference<br>on pp. 234-236. |
|----------------------------------|--------------------------------------------------------|
| Manufactures in—                 |                                                        |
| Royal Laboratory ... ..          | 1, 4, 5                                                |
| Royal Gun Factories ... ..       | 3                                                      |
| Royal Carriage Department ... .. | 2, 7                                                   |
| Gunpowder and Gun Cotton ... ..  | 4, 5                                                   |

#### FRENCH AND GERMAN CLASSES.

Instruction in French, by Monsieur T. Karcher (three attendances per week), and in German, by Dr. F. Althaus (two attendances per week) is given in the Department to Classes of R.A. Officers throughout the year.

#### BOOKS OF REFERENCE.

Nos.

1. Treatise on Ammunition. 1878.
2. Treatise on Military Carriages. 1876.
3. Abridged Treatise on the Construction of Ordnance. 1877.
4. Handbook on the Manufacture of Gunpowder. Capt. F. M. Smith.
5. Notes on Gunpowder and Gun Cotton. Major W. H. Wardell, R.A. 1878.
6. Our Service Small Arms, R.A. Institution Proceedings, Vol. IX. Major F. S. Stoney, R.A.
7. Handbook for Military Artificers. Sergeant-Major Armstrong. 1877.
8. Owen's Modern Artillery. 1873.
9. Principles of Gunnery. Captain J. R. Sladen, R.A. 1878.
10. Report on Penetration of Armour Plates. Captain Noble.
11. Le Boulenger's Chronograph. Lieut. C. Jones, R.A.
12. Treatise on the Motion of Projectiles. Rev. F. Bashforth. 1873.

BOOKS OF REFERENCE (*continued*).

Nos.

13. Researches on Explosives. Captain Noble and Professor Abel. 1875.
14. Handbook for Field Service. 1878.
15. Soldiers' Pocket Book. Wolseley. 1874.
16. Operations of War. Hamley. 1878.
17. Outpost Duty. Napier.
18. Staff College Exercises. Hamley. 1874.
19. Minor Tactics. Clery. 1875.
20. Précis of Modern Tactics. Home. 1878.
21. Priced Vocabulary of Stores. 1875.
22. Equipment Regulations. Vol. III. Revised Army Regulations. 1876.
23. Regulations for the Supply of Stores to an Army in the Field. 1866.
24. Duties of Inspectors of Warlike Stores. Clause 128 Army Circular, 1870, and Paragraphs 15*a*, 15*b*, &c., Vol. III. Revised Army Regulations. 1876.
25. Regulations for Commissariat and Ordnance Store Department. 1877.
26. Queen's Regulations and Orders for the Army. 1873.
27. Standing Orders for the Royal Regiment of Artillery. 1876.
28. Manual of Interior Economy. Major O. H. Goodenough, R.A. 1877.
29. Regulations and Instructions for Encampments. 1877.
30. Manual of Artillery Exercises. 1873.
31. Manual of Artillery Exercises (Field). 1877.
32. Articles of War, and Mutiny Act.
33. Military Forces of the Crown. Clode.
34. Elements of Military Administration and Military Law. Boughey. 1877.
35. Simmons on Courts-Martial.
36. Test Book on Military Law. Major A. Ford, R.A. 1875.
37. Military and Martial Law. Clode. 1872.
38. Horses and Stables. Colonel Fitzwygram.
39. Short Notes on Field Batteries. Captain Orde Brown. 1878.
40. Torpedo Manual. 1878.
41. Useful Rules and Tables. Rankine.
42. Applied Mechanics. Rankine.
43. Strength of Materials. Anderson. 1872.
44. Steam and Steam Engine. Evers. 1873.
45. Elements of Mechanism. Goodeve. 1874.
46. Useful Information for Inquirers. Berraghs.
47. Workshop Appliances. Shelley. 1876.
48. Marine Steam Engine. Bourne.
49. Elementary Treatise on Steam. Perry. 1874.
50. Works upon the Steam Engine. Burgh's.
51. Marine Steam Engine. Brown and Maine.
52. Chemistry. Bloxam.
53. Laboratory Teaching. Bloxam. 1874.
54. Lessons on Elementary Chemistry. Roscoe. 1877.
55. Chemistry. Bowman. 1871.
56. Metallurgy. Percy. 1875.
57. Metallurgy. Bloxam.
58. Ganot's Physics. 1875.
59. Treatise on Heat. Tyndall.

BOOKS OF REFERENCE (*continued*).

Nos.

60. Theory of Heat. Maxwell.  
 61. Electricity and Magnetism. Jenkin.  
 62. Notes on Lectures on Electrical Phenomena and Theories. Tyndall.  
 1873.  
 63. Intensity Coils. Dyer.  
 64. Telegraphy. Preece and Sivewright. 1876.  
 65. Metallurgy. Report of Special Committee on Bronze, &c. War Office.  
 1875.  
 66. Syllabus of Course of Instruction for Advanced Class R.A. 1878.

## STAFF OF DEPARTMENT.

*Director of Artillery Studies*.—Col. O. B. B. Woolsey, R.A.  
*Assistant Director*.—Major W. G. Brancker, R.A.  
*Instructors in Artillery*. { Major H. L. Mitchell, R.A.  
 { Capt. P. L. MacG. Skinner, R.A.  
*Instructor in Military Surveying*.—Capt. F. Roberts, R.A.  
*Professor of Applied Mathematics*.—A. G. Greenhill, Esq., M.A.  
*Lecturer on Metallurgy*.—Dr. J. Percy, F.R.S.  
*Lecturer on Chemistry and Physics*.—C. L. Bloxam, Esq., F.C.S.  
*Lecturer on Practical Mechanics*.—H. W. Jones, Esq.  
*French Master*.—Mons. A. Barrère.  
*German Master*.—Dr. F. Althaus.

## ARMY EXAMINATIONS IN 1884.

At the competitions for the Royal Military College, Sandhurst, and the Royal Military Academy, Woolwich, to be held in July 1884, and at the examinations to be held in April 1884, of lieutenants of Militia who are candidates for commissions in the Regular Army, the examination in English literature will be limited to the following authors:—Spenser, "Faëry Queen," Book I.; Shakespeare, "King John" and "Merchant of Venice"; Byron, "Childe Harold"; Bacon, Essays I. to XXX., inclusive; Macaulay's Essays, "Burleigh and his Times," "Life and Writings of Addison," and "Frederic the Great." The examination in English history will be limited, at the candidate's choice, either to the period A.D. 1760 to 1790 (inclusive), or to the period A.D. 1790 to 1820 (inclusive). The candidate's reading on the period selected should include that part of "Bright's History" which treats of it, also in the October and December Examination

At the examinations to be held in October 1884, the examination in English literature will be limited to the following authors:—Chaucer, Prologue to "Canterbury Tales"; Shakespeare, "Merchant of Venice" and "Henry VIII."; Pope, "Essay on Man," "Satires (with Prologue)," and "Epistles"; Bacon, Essays XXIII. to LVIII., inclusive; Macaulay's Essays, "Burleigh and his Times," "Life and Writings of Addison," and "Frederic the Great."

## ROYAL HIBERNIAN MILITARY SCHOOL,

PHENIX PARK, DUBLIN.

The design and character of this School is in the main the same as that of the Model School at Chelsea; viz., to afford a gratuitous education to the sons of soldiers, orphans having a prior claim. The majority of the children admitted (over 400 in number) to it are the sons of Irish parents. The Hibernian School was originally founded in 1769, and was, like the sister establishment at Chelsea, entirely re-organised in 1846, when a Charter was granted to it.

The general management of the School is vested in a Board of Governors, of whom the Lord Lieutenant and the General Officer commanding the Forces in Ireland are respectively President and Vice-President. The other Governors likewise hold their appointments *ex officio*, the great majority of them being either Officers of the Staff or Field Officers of the regiments belonging to the garrison of Dublin.

The general staff of the establishment consists of a Commandant, an Adjutant, Secretary, a Quarter-master, a Surgeon, a Protestant Chaplain, and an officiating Roman Catholic clergyman. The instructional staff consists of a Head Master, three Assistant Masters, and a non-resident Singing Master. The Masters are assisted in their duties by Monitors.

The conditions of admission are in principle the same as at the Duke of York's School. The consideration of the claims of the various applicants rests with the Committee of Governors. The limits of age for admission are from 7 to 12.

The organisation and system of discipline are military, and as far as possible resemble those of a regiment. The pupils, 410 in number, are for purposes of military training and discipline distributed in six companies, each of which is under the charge of a serjeant assistant.

For purposes of instruction the pupils are arranged in four divisions, each under the charge of its own master, the Head Master exercising a general supervision over the education of the whole School, and periodically examining the junior divisions. The subjects of instruction consist of reading, writing, and dictation, arithmetic, algebra, mensuration, elementary mechanics, geography, English grammar, English history, singing, and sacred history. In practical military exercises, in addition to drill, instruction is given in gunnery, gymnastics, and swimming. A number of the boys are also trained as musicians in the band, while others learn the trades of tailoring and shoemaking, and a small number, not exceeding eight or ten, are taught carpentry. The whole clothing of the establishment is made up by the pupils, of whom 112 are employed as tailors.

The pupils are not permitted to remain at the School after the age of 14, the only exception being in favour of those who are candidates for the office of monitor. The method adopted in regard to the disposal of the boys on quitting the School is the same as at the Duke of York's School. As at the latter establishment, the great majority (amounting to nearly 80 per cent.) of those declared fit for military service volunteer for the army.

According to the records of this School, it would appear that there are now 1,065 soldiers who have been old pupils, viz., 122 who are serving in the

Cavalry, 268 in the Royal Artillery, 142 in the Royal Engineers, and 533 in the Infantry. Of this number 1,007 bear the title in the military returns as "very good," or at least "good character," and not a single case of desertion occurred in 1877. About 400 pupils are now at this School.

#### STAFF OF OFFICERS.

*Commandant.*—Col. F. C. Hill, late 56th Regt.

*Secretary and Adjutant.*—Major J. W. Fitzgerald.

*Quarter-Master (acting).*—Edwin Shelock.

*Surgeon.*—F. H. Baxter, M.D., h.p. (*Hon. Deputy Inspector-General*).

*Chaplains.*—Rev. J. M. Hamilton, M.A. Rev. R. Forster, B.A. Rev. T. Curran, R.C.

*Head Master.*—Mr. John H. Gibbons.

*Second Master.*—Mr. T. Stritch.

*Third Master.*—Mr. Francis M. Dowling.

## ROYAL MILITARY ASYLUM.

"DUKE OF YORK'S SCHOOL,"

(NORMAL, MODEL, AND LOWER SCHOOLS,)

CHELSEA.

This institution is still familiarly known by the designation of the "Duke of York's School," and it was founded in 1803, the year following the Treaty of Amiens. It was intended to be an educational home for the orphan children of soldiers; and as regards the boy orphans, the results have been eminently satisfactory. Provision was originally made for 700 boys, exclusive of the girls, but the number is now only 480. The general discipline of the school is excellent, and the army is largely recruited from its ranks. This institution possesses the best boys' band in the United Kingdom. And with regard to the character of the pupils who have entered the service, it may be well to mention that out of 442 "fighting men," nearly two-thirds of the number have become non-commissioned officers.

In these Schools, candidates for the situation of Army Schoolmasters are trained for their duties. Non-commissioned officers and privates of the Army recommended by their officers, civilian pupil-teachers who have completed their apprenticeship, and certificated school-teachers are eligible if they be of sound health, free from deformity, from 20 to 25 years of age, and not under 5 feet 5 inches in height. The period of residence may extend to 1½ years, during which time civilian candidates are messes and provided with uniform at the public expense. On completing their course of training as Students, and on being reported qualified by the Director-General of Military Education, they will be enlisted and appointed Army Schoolmasters; if civilians, they will be enlisted (without bounty) for general service for the period of 12 years; if soldiers, they will be discharged from their regiments and re-enlisted (without bounty) for general service for the period of 12 years, reckoning towards their pension as schoolmasters their service prior to admission to the Royal Military Asylum, but no portion of the time spent by them at the Royal Military Asylum. Army schoolmasters rank as non-commissioned officers next below sergeant-majors. Their pay is as follows, with quarters, fuel and rations, or allowance in



lieu :—On first appointment, 3s. 11*d.* per diem; after 2 years' service, 4s. 1*d.*, increasing 6*d.* per diem every 3 years' service. Schoolmasters, after 21 years' service, calculated according to the regulations, are entitled to a pension, the maximum rate of which is 3s. 6*d.* per diem. Superintending Schoolmasters are selected from the Army Schoolmasters for merit and service. They receive commissions as officers, with the relative rank of subaltern. Their pay is 10s. a day, according to services, with quarters or lodging money, and with an allowance of 1s. a day in lieu of a soldier servant. Superintending Schoolmasters may, with the sanction of the Commander-in-Chief and the Secretary of State for War, be permitted to retire after an aggregate service of 30 years, calculated in conformity with the regulations, on an allowance of 8s. or 10s. per diem. The widows of Superintending Schoolmasters will be eligible for pensions, and their children for an allowance from the Compassionate Fund, under the regulations applicable to officers of corresponding rank. All Army Schoolmasters are subject to the Mutiny Act. The total cost of this institution is about 12,000*l.* yearly. All the boys are taught useful trades during half the time.

#### STAFF OF OFFICERS.

*Commandant.*—Bt. Lieut.-Col. Hugh Mackenzie, h.p., late 15th Foot. 7th July, 1880.

*Secretary and Adjutant.*—Major H. M. Thompson, late 82nd Foot. 20th March, 1880.

*Quarter-Master.*—William Macdonnell. 1st Jan., 1878; 27th August, 1873.

*Medical Officer.*—Surgeon-Major J. Crerar, 1st Sept., 1881.

*Chaplain.*—Rev. Erasmus H. Goodwin, B.A.

*Masters.*—*Normal School:* W. W. Reynolds, M.A. *Model School:* W. G. Lamb. *Lower School:* J. B. Eldridge.

## INSPECTORS OF ARMY SCHOOLS.

(UNDER DIRECTOR-GENERAL OF MILITARY EDUCATION.)

#### *Inspectors of Army Schools.*

|                            |     |     |     |     |     |                   |
|----------------------------|-----|-----|-----|-----|-----|-------------------|
| Major F. J. C. Du Vernet   | ... | ... | ... | ... | ... | <i>Gibraltar.</i> |
| Major H. T. Hallett Hughes | ... | ... | ... | ... | ... | <i>Malta.</i>     |
| Major F. W. Hon. Dunn      | ... | ... | ... | ... | ... | <i>Bengal.</i>    |
| Lieut.-Col. C. J. Jennings | ... | ... | ... | ... | ... | <i>Madras.</i>    |
| Lieut.-Col. G. A. Jacob    | ... | ... | ... | ... | ... | <i>Bombay.</i>    |

#### *Local Inspectors of Army Schools.*

|                       |     |     |     |     |     |                    |
|-----------------------|-----|-----|-----|-----|-----|--------------------|
| Captain J. Stewart... | ... | ... | ... | ... | ... | <i>Colchester.</i> |
| Captain W. Thacker    | ... | ... | ... | ... | ... | <i>York.</i>       |
| Captain E. H. Rogers  | ... | ... | ... | ... | ... | <i>Dover.</i>      |

#### *Sub-Inspectors of Army Schools.*

|                |     |     |                   |     |     |                |
|----------------|-----|-----|-------------------|-----|-----|----------------|
| R. Bell        | ... | ... | <i>Devonport</i>  | ... | ... | 7 July, 1880.  |
| W. M. McKinder | ... | ... | <i>Portsmouth</i> | ... | ... | 24 Mar., 1875. |
| A. Cooper      | ... | ... | <i>Edinburgh</i>  | ... | ... | 25 Aug. 1880.  |
| S. Goadby      | ... | ... | <i>London</i>     | ... | ... | 14 Feb., 1874. |

*Sub-Inspectors of Army Schools (continued).*

|                  |     |     |           |     |     |               |
|------------------|-----|-----|-----------|-----|-----|---------------|
| F. Carson        | ... | ... | Woolwich  | ... | ... | 11 Mar. 1880. |
| R. W. McGovern   | ... | ... | Bombay    | ... | ... | 14 Sep. 1881. |
| J. Ruggles       | ... | ... | "         | ... | ... | 1 Apr. 1881.  |
| J. G. Kidd       | ... | ... | Bengal    | ... | ... | 17 July 1880. |
| R. T. Kenny      | ... | ... | Madras    | ... | ... | 7 July 1880.  |
| A. Wolfe         | ... | ... | Aldershot | ... | ... | 14 Feb. 1874. |
| W. Redman        | ... | ... | Curragh   | ... | ... | 2 Dec. 1882.  |
| Joseph Tapsell   | ... | ... | Bengal    | ... | ... | 1 Aug. 1877.  |
| Edward Bramhall  | ... | ... | Cork      | ... | ... | 6 Dec. 1879.  |
| Thomas Carson    | ... | ... | Woolwich  | ... | ... | 11 Feb. 1880. |
| J. E. Cartwright | ... | ... | Aldershot | ... | ... | 14 Feb. 1874. |
| J. H. Carroll    | ... | ... | Dublin    | ... | ... | 20 Sep. 1875. |
| E. Shipman       | ... | ... | Chatham   | ... | ... | 14 Feb. 1874. |

List of Army Tutors see page 242.

## PHYSICAL EXAMINATIONS FOR THE ARMY.

The joint committee of the War Office and Civil Service Commissioners have issued their report upon the question whether the present literary examinations for the army should be supplemented by physical competition, and they recommend that competitions should be held under the following six heads:—(1) riding, (2) walking, (3) running, (4) leaping, (5) swimming, (6) gymnastics. The examination in these exercises to be entirely voluntary, and considering that some of them, *e.g.*, riding, swimming, and gymnastics, cannot be practised with success except under conditions which may not be within the reach of all competitors, it is proposed that no candidate should be allowed to enter as a competitor under more than three heads, and that the total number of marks allotted to the physical competition should be obtainable by adequate proficiency in any three. By this arrangement, in addition to the 4,000 marks allowed at the examination for merit in intellectual subjects, 1,200 marks will be allowed for merit in athletic exercises, that is, 400 for each subject.

### THE ARMY MEDICAL DEPARTMENT.

The report of the Committee appointed by Lord Cranbrook to inquire into the causes which prevented candidates coming forward in sufficient numbers for the Army Medical Department has just been issued. It is suggested that the new united department should receive a distinctive designation, such as "Royal Army Surgeons," or "Royal Medical Staff": that it should be recruited by the admission of probationers, of whom one half are to be nominated by the "medical teaching bodies" of the United Kingdom, Canada, and Australia, and the other half to be admitted by open competitive examination—both classes to consist of gentlemen registered under the Medical Act, and the nominations to be subject to the approval of the Director-General. During the probationary period, and until they have completed their course at Netley, they are to rank as lieutenants, and to receive 8s. a day pay. It is proposed that the maximum age on admission should be reduced to twenty-eight.

## THE OXFORD MILITARY COLLEGE, COWLEY, NEAR OXFORD.

This College was opened at Cowley, near Oxford, on the 20th of September, 1876, and the origin of it is due mainly to the individual exertions of Major John Graham, Royal Pembroke Artillery Militia. Their Royal Highnesses the Duke and Duchess of Connaught visited this School on the 16th June, 1883, and Her Royal Highness distributed the prizes on that occasion. It is situated about two miles from the city of Oxford. The old Manor House of Temple Cowley has been utilised for the purpose, and new buildings have been added.

The College was formed to prepare candidates for the Army, to give them, at a reasonable cost, a thoroughly good education, to develop in individuals those branches of learning for which they happen to have an aptitude, and which would have some reference to their future career, to supply a certain amount of technical instruction, and accustom candidates early in life to habits of order, military discipline, and obedience.

The situation of the College, in the vicinity of Oxford, has been found in many ways most advantageous. For not only can the staff be strengthened by the assistance of able teachers who are resident in the University, but the students who take up the subject of geology, for instance, have advantages which are conferred by the proximity of good museums, and of a neighbourhood which is exceptionally instructive in its features. Moreover, to mention a less important matter, they have opportunities also of enjoying cricket, football, and boating, and of playing matches against the different Colleges of the University.

Nearly 150 students are in attendance, and it is intended, (1) To provide the best possible education for the sons of Officers; (2) To train and prepare candidates (whether sons of Officers or not) for commissions in the military service.

Students are trained from the first in a course of study which is intended to prevent the necessity of any special strain being put upon them at the last moment for passing the military examinations; hence the advantage of their entering the College as soon as they are admissible, namely, at the age of thirteen.

There are three Terms in the year, commencing about the middle of January, April, and September, and the fees for each Term will be payable in advance. The vacations amount to about thirteen weeks in the year.

Officers serving in India will be specially considered in reference to vacation arrangements, &c.

The fees for students under seventeen years of age, if they do not take the full military course, and if nominated by a holder of twenty shares, are seventy guineas per annum; if not so nominated, ninety guineas per annum. For all students above seventeen years of age, and for all who take the full military course, including equitation, if nominated by a holder of twenty shares, the fees are eighty guineas per annum; if not so nominated, one hundred guineas.

Six Scholarships, of 25*l.* to 75*l.* per annum respectively for two years, have been offered for competition lately.

Numerous College prizes and others are given annually.

The nominees of shareholders, whether holders of twenty or a smaller number of shares, will have the preference for admission.

This College has a very influential Council ; and among the Committee are several Officers of very high rank in the service.

*Governor.*—Major-General Desborough, C.B., R.A., and a Council of 50 members and a Board of Management of 7 members.

*Secretary.*—Henry Naidley, Esq.

*Director of Drills.*—Lieut.-Col. A. S. Macartney, h.p., Royal Artillery, formerly Cadet Officer, Royal Military Academy, Woolwich.

*Head Master.*—The Rev. A. A. Bourne, M.A., St. John's College, Cambridge, 17th Wrangler, and 2nd class Classical Tripos, late Head Mathematical Master at Rossall.

*Second Master and Senior Classical Master.*—A. H. Thomas, Esq., M.A., late Scholar of Jesus College, Oxford, and assistant Masters.



## LIST OF PUBLIC AND PRIVATE SCHOOLS, AND OF MILITARY TUTORS,

WHERE CANDIDATES ARE PREPARED FOR THE EXAMINATIONS REQUIRED FOR EVERY BRANCH OF THE SERVICE.

Full particulars as to fees and courses of study in those Endowed Schools and Private Institutions where candidates are specially prepared for the Army will be found in Part VIII., these being arranged in topographical order ; and the account of the Public Schools will be found in Part VIII., classified in alphabetical order.

At those Schools marked with a star—*thus* \*—a general education is also given.



ABINGDON.—The Army College ; Principals, Lieut.-Col. Colville and Capt. J. Preston.

BATH.—Springfield Place, Lansdowne Hill ; Principal, Lieut.-Col. Griffiths.

BATH.—Batcombe, The Rectory, Evercreech ; Principal, Rev. W. C. Baker, M.A.

\*BEDFORD.—Grammar School ; Head Master, J. Surtees Phillpotts, M.A.

BRIGHTON.—Brighton College ; Head Master, Rev. Thos. Hayes Belcher.

BRIGHTON.—25, Tisbury Road ; Principal, H. Waymouth, Ph.D.

BROMLEY.—Quermore House ; Principal, J. Gibson.

BURGESS HILL, SUSSEX.—The Webbs ; Principal, J. F. Cornish.

CAMBRIDGE.—3, Emanuel Road ; Principal, E. H. Griffiths, M.A.

CAMBRIDGE.—62, St. Andrew's Street ; Principal, Rev. F. C. Lambert.

\*CHELTENHAM.—Cheltenham College ; see Public Schools, Section V.

CHELTENHAM.—Hill Court, Marl Hill ; Principals, H. A. James, M.A., and A. J. de Havilland Bushnell, M.A.

\*CLIFTON.—Clifton College ; Head Master, Rev. J. M. Wilson, M.A. ; see Public Schools, Section V.

CLIFTON.—4, Pembroke Road ; Principal, Mons. d'Aragnon.

CROYDON.—The Priory ; Principal, H. S. John Boulton, M.A.

\*DOVER.—Dover College ; Head Master, Rev. W. Bell, M.A.

- DUBLIN.—Queen's Service Academy, 3, Ely Place; Principal, W. J. Chetwode Crawley, B.A., LL.B.
- DUBLIN.—Military College, 20, Upper Merrion Street; Principal, Geo. F. Crawford, M.A.
- EALING.—Castlebar Court; Principal, Rev. Dr. C. Hughes.
- \*EASTBOURNE.—Eastbourne College; Head Master, Rev. Thompson Podmore, M.A.
- EASTBOURNE.—Cranworth House, Upperton Gardens; Principal, J. Winder.
- \*EDINBURGH.—The Edinburgh Collegiate School; Rector, A. H. Bryce, LL.D.
- \*EDINBURGH.—Royal High School; Rector, John Marshall.
- FOLKESTONE.—15, Clifton Gardens; W. J. Jeaffreson, M.A.
- \*GLENALMOND, N.B.—Trinity College; Warden, Welford Richmond, M.A.
- \*GODALMING, SURREY.—Charter House School; Head Master, Rev. W. Haig Brown, LL.D.
- \*GUERNSEY.—Elizabeth College; Principal, Rev. John Oates, M.A.
- GUILDFORD.—Edgeborough; Principal, Rev. J. H. Robson.
- \*HAILEYBURY.—Haileybury College; Head Master, Rev. E. H. Bradley, M.A.; see Public Schools Section, Part V.
- \*ISLEWORTH.—Spring Grove, London International College; Head Master, H. R. Ladell, M.A.
- ISLEWORTH.—Spring Grove, Burlington House; Principal, A. Pinhey, late R.A.
- \*JERSEY.—Victoria College; Principal, R. H. Chambers, M.A.
- JERSEY.—3, Douro Terrace; Principals, Major de Thoren and Major Morgan.
- \*KINGSTON-ON-THAMES, SURREY.—Principal, Rev. F. M. Arnold, M.A.
- KINGSTON, CO. DUBLIN.—Kingstown School, Wellington Lodge; Head Master, W. H. Knapp, M.A.
- \*LEAMINGTON.—Leamington College; Head Master, Rev. J. Wood, D.D.
- LEATHERHEAD.—Little Bookham, Preston House; Principal, Rev. J. W. Nixon, M.A.

## LONDON, N.

- \*HIGHGATE.—Highgate School; Head Master, Rev. C. McDowell, M.A.; see Public Schools, Part V.
- \*TOTTENHAM.—Bruce Castle School; Head Master, Rev. W. Almack, M.A.

## LONDON, N.W.

- KILBURN.—20, Birchington Road; Principal, C. Richards, B.A.
- LANCASTER PLACE, BELSIZE SQUARE.—Principal, F. E. Suddard, M.A.

## LONDON, S.E.

- BLACKHEATH.—The Avenue; Principal, J. A. Grattan.
- BLACKHEATH.—Perceval House, Dartmouth Row; Principal, W. Kieser, M.A.



- BLACKHEATH.—Connaught House, The Common, S.E. ; Principal, S. H. Winter, M.A.  
 DULWICH.—Dulwich College ; Head Master, J. E. Cowell Welldon, M.A. ; see Public Schools, Part V.  
 FOREST HILL.—Eliot Bank ; Principal, H. R. Clinton, B.A.  
 LEE PARK, KENT.—Manor House ; Principal, Professor Wolfram.  
 WOOLWICH COMMON.—Military College ; Principal, C. Gore Chambers, M.A.

## LONDON, S.W.

- CLAPHAM COMMON.—The Chase ; Principals, D. C. McClellan and Capt. Norman.  
 CROMWELL ROAD.—19 and 20, Lexham Gardens ; Principals, Capt. W. H. James ; and Major E. J. Lynch.  
 EARDLEY CRESCENT, 31.—Principal, Captain Robinson.  
 EARL'S COURT ROAD.—10, Longridge Road ; Principal, E. S. Grindle.  
 HAMPTON, MIDDLESEX.—Military College, Poulton House ; Principals, Dr. Kaim and H. Zoebel.  
 HAMPTON COURT.—2, The Terrace ; Principals, F. Liefchild and J. Owen.  
 RICHMOND.—The Homestead, Marshgate ; Principal, Rev. C. F. Coutts, M.A.  
 RICHMOND.—12, Cardigan Road ; Principal, J. F. Heather, M.A.  
 RICHMOND HILL.—7, Rothsay Villas ; Principal, G. Ardaseer, M.A.  
 SURBITON.—Gilamont House ; Principal, W. H. Gilamont.  
 WANDSWORTH COMMON.—Dunedin House, Earlsfield Road ; Principal, Rev. Barker Simpson, M.A.  
 WESTBOURNE PLACE, EATON SQUARE.—Principal, E. S. Croke, B.A.  
 \*WIMBLEDON.—Wimbledon School ; Head Masters, Rev. C. J. Wynne, M.A., and Rev. J. M. Eustace, M.A.

## LONDON, W.

- BAYSWATER.—174, Portsdown Road ; Principal, F. Ryland, M.A.  
 BAYSWATER.—10, St. Stephen's Road ; Principal, A. W. Holohan, M.A.  
 CAMBRIDGE GARDENS, NOTTING HILL, 14.—Principal, D. C. Feeney, B.A.  
 CORNWALL ROAD, WESTBOURNE PARK, 50.—Principal, Morgan Jenkins, M.A.  
 HAMPSTEAD.—Raithby, Fitzjohn Avenue ; Principals, J. Ashton, M.A., and W. B. Pyne, M.A.  
 HANWELL.—Manor Court ; Principal, T. E. Elderton, M.A.  
 KENSINGTON PARK ROAD, 90.—Principal, T. H. Watkins, M.A.  
 KENSINGTON PARK.—97, Lansdowne Road ; Principal, J. W. Barry.  
 \*NOTTING HILL.—Argyll College, 52, Notting Hill Square ; Principal, Cornelius Sutton, F.S.A.  
 PORTMAN SQUARE.—80, Upper Gloucester Place ; Principal, Dr. Heine-mann, F.R.G.S.  
 POWIS SQUARE, 2 to 7.—Principals, Walter Wren, M.A., and Rev. H. P. Gurney, M.A.  
 SINCLAIR ROAD, 37, ADDISON ROAD.—Principal, F. T. Lawrence, B.A.

## LONDON, W.C.

GARRICK STREET.—19, Garrick Chambers; Principal, W. Baptiste Scoones.

GORDON SQUARE.—17, Gordon Street; Principal, E. W. John.

## LONDON, E.C.

\*CITY OF LONDON SCHOOL.—Thames Embankment; Rev. E. A. Abbott, D.D.; see Public School Section, Part V.

\*MALVERN.—Malvern College; Principal, Rev. T. C. Cruttwell, M.A.; see Public School Section, Part V.

\*MARLBOROUGH, WILTS.—Marlborough College; Head Master, Rev. G. C. Bell, M.A.; see Public School Section, Part V.

\*MUSSELBURG, N.B.—Loretto School; Head Master, H. H. Almond, M.A. NORWICH.—Upper Hillesdon; Principal, Rev. C. Hope.

\*OAKHAM.—Grammar School; Head Master, Rev. E. V. Hodge, M.A.

\*PETERSHAM, SURREY.—Bute House; Principal, C. V. Godby, M.A.

PLYMOUTH.—Widney College, Egg Buckland.—Principal, Major Letts.

POOLE, DORSET.—Manor House; Principal, Rev. A. C. Burnard, B.A.

\*RADLEY.—St. Peter's College; Warden, Rev. R. J. Wilson, M.A.

\*RAMSGATE.—Chatham House School; Principal, Rev. E. G. Banks, M.A.

\*READING.—Reading Grammar School; Head Master, Rev. W. Walker, M.A.

READING.—6, Crown Street; Principal, H. Hoffert.

\*ROSSALL.—Rossall School; Head Master, Rev. H. A. James, B.D.; see Public School Section, Part V.

\*S. ANDREWS, N.B.—Madras College; Head Master, D. Fogo.

SLOUGH, BUCKS.—Upton Park; Principal, Capt. F. H. Fawkes.

\*SOUTHAMPTON.—Southampton College; Head Master, D. Tierney, M.A.

SOUTHGATE, MIDDLESEX.—Principal, B. A. Greene.

SOUTHGATE.—The Woodhouse; Principal, R. C. Davis.

SOUTHSEA.—15, Beach Terrace; Principal, E. J. Gilkes.

SUNBURY-ON-THAMES.—Military College, Sunbury House; Principal, Major Lendy.

SWITZERLAND.—Mont Charmant; Principal, Colonel Seagrim.

\*TORQUAY.—Torre College; Principal, T. N. Menneer.

TONBRIDGE.—Stafford House; Principal, J. Plant Fleming, M.A.

\*TONBRIDGE.—Grammar School; Head Master, Rev. Theo. B. Rowe.

TUNBRIDGE WELLS.—Grosvenor House School; Principal, E. Douglas Archibald, M.A.

WARGRAVE, HENLEY-ON-THAMES.—Greenwood Lodge; Principal, Rev. A. R. Pritchard, M.A.

\*WARWICK.—Pillerton Vicarage; Principal, Rev. S. East, M.A.

\*WELLINGTON COLLEGE.—Head Master, Rev. E. C. Wickham, M.A.; see Public School Section, Part V.

\*WESTWARD HO!—Kingsley College; Head Master, Rev. Dr. Hewson Wall.

\*WESTWARD HO! NORTH DEVON.—United Services Proprietary College; Head Master, Cornell Price, M.A., B.C.L.

\*WEST LULWORTH, DORSET.—The Vicarage; Principal, Rev. Gerald Williams, M.A.

# OUR NAVAL SCHOOLS.

## ROYAL NAVAL COLLEGE, GREENWICH.

The Royal Naval College consists of three principal divisions—viz., the Military, Navigating, and Civil ; the Military Division comprises the following ranks :—Naval Cadet, Midshipman, Lieutenant, Commander, Captain, and Admiral. The Navigating Division includes the following :—Navigating Cadet, Navigating Midshipman, Navigating Sub-Lieutenant, Navigating Lieutenant, Staff Commander, and Staff Captain. The Civil Division is sub-divided as follows :—(a) Second-class Assistant Engineers, First-class Assistant Engineers, Chief Engineers, and Inspectors of Machinery afloat ; (b) Naval Instructors and Chaplains ; (c) Surgeons, Staff Surgeons, and Fleet Surgeons ; (d) Assistant Clerks, Clerks, Assistant Paymasters, and Paymasters. The regulations for the examination of cadets of the “Military Branch” are identical with those in force for the “Navigating Division.”

Her Majesty having by an Order in Council issued in January, 1873, sanctioned the founding of this College, it was opened on the 1st February, 1873, having been organized for the purpose of providing for the education of Naval Officers of all ranks above that of midshipmen in all branches of theoretical and scientific study bearing upon their profession, the Admiralty being anxious to give to the executive officers of the Navy every possible advantage in respect of scientific education, and for the highest possible education also of others connected with the Navy. The working of the College has so far been most satisfactory, and the results of the year show that the standard of examination is so adjusted as to enable officers of good abilities, who on entering the Navy diligently employ themselves to studying their profession, to obtain their Lieutenant's commission ; while, on the other hand, it affords to those who are backward and ignorant on joining the College an opportunity of retrieving lost time and of maintaining their place in the Navy if they earnestly avail themselves throughout the whole period of study of the means afforded them at the College.

Ten private students passed through a course of instruction, nine of the number being foreign officers.

Besides the actual studies thus conducted within the College, a large amount of work connected with the other educational business of the Navy, both in its executive and civil branches, devolves upon the officials of the establishment. Twice in each year entry examinations for Naval cadetships and assistant clerkships are held at the College. The preliminary examinations of candidates for Naval Instructorships and also for Interpreterships are likewise conducted there ; and, finally, the papers for the half yearly examination of junior executive officers of all classes of the Fleet conducted on board their respective ships, for the half-yearly exami-

nation of the cadets of Her Majestys' ship "Britannia," and for the half-yearly examination of the Dockyard schools, are all prepared and sent from the Naval College, the result subjected to a careful analysis, and the whole collated and reported on exhaustively.

The College, subject to the subjoined Regulations, is open to Officers of the following ranks:—1. Captains and Commanders; 2. Lieutenants; 3. Navigating Officers; 4. Naval Instructors; 5. Acting Sub-Lieutenants and Acting Navigating Sub-Lieutenants; 6. Officers Royal Marine Artillery, Officers Royal Marine Light Infantry; 7. Officers of the Engineer Branch, viz., Chief Engineers, Engineers, Assistant Engineers, Acting Assistant Engineers; 8. A limited number of Dockyard Apprentices will be annually selected by competitive examination; for admission to the College.

A course of instruction at the College will also be open to a limited number of—9. Private Students of Naval Architecture or Marine Engineering; 10. Officers of the Mercantile Marine.

It is not intended to provide at Greenwich for the education of the Naval Cadets.

The number of Students at the College will render it possible not only to carry out instruction by individual tuition as hitherto, but to secure a staff of eminent professors, to arrange lectures and classes, and to provide chemical and physical laboratories, on a scale which has hitherto not been possible in any Naval establishment.

The following are the courses of study:—1. Pure Mathematics, including Co-ordinate and Higher Pure Geometry, Differential and Integral Calculus, Finite Differences, and the Calculus of Variations; 2. Applied Mathematics, viz., Kinematics, Mechanics, Optics, and the Theories of Sound, Light, Heat, Electricity, and Magnetism; 3. Applied Mechanics, including the Theory of Structures, the principles of Mechanism, and the Theory of Machines; 4. Nautical Astronomy, Surveying, Hydrography, with Maritime Geography, Meteorology, and Chart Drawing; 5. Experimental Sciences:—(a) Physics, viz., Sound, Heat, Light, Electricity, and Magnetism; (b) Chemistry; (c) Metallurgy; 6. Marine Engineering in all its branches; 7. Naval Architecture in all its branches; 8. Fortification, Military Drawing, and Naval Artillery; 9. International and Maritime Law; Law of Evidence and Naval Courts Martial; 10. Naval History and Tactics, including Naval Signals and Steam Evolutions; 11. Modern Languages; 12. Drawing; 13. Hygiene—Naval and Climatic.

The general organization of the College is as follows:—

A Flag Officer is President; he is assisted by a Captain in the Royal Navy in matters affecting discipline, and in the internal arrangements of the College unconnected with study.

A Director of Studies will, under the President, organize and superintend the whole system of instruction and the various courses of study.

The following changes are introduced in the Regulations as regards the time of study in the case of Officers who are required to attend the College.

- (a) The time allowed to Acting Sub-Lieutenants to qualify for their Examination in Navigation for Lieutenants will be extended from six weeks to six months.
- (b) Gunnery Lieutenants will be required to pass a term of nine months, from 1st October to 30th June, in the College at Greenwich,

*before* commencing their practical course in the "Excellent," instead of, as at present, a term of seven months *after* they have completed it.

Officers, on applying to qualify as Gunnery Lieutenants, if they have not already served one year at sea as Lieutenants, will be at once appointed to a sea-going ship, in order to complete the year's service required before they commence their studies.

(c) Successful Candidates for Commissions in the Royal Marine Light Infantry should, before receiving their Commissions, have the advantage of a term of study in the College. They also propose to assign a longer term of study to Officers of the Royal Marine Artillery.

(d) All Acting Assistant Engineers will in future be sent to Greenwich, after leaving the dockyards, for a period of study before their appointment to sea-going ships.

Arrangements have been made for the admission of Naval Engineer Officers to the College, which will prevent time spent at the College from entailing any pecuniary loss upon them.

The School of Naval Architecture at South Kensington will be absorbed in the Royal Naval College, Greenwich. The regulations for the admission of Engineer Students and of Dockyard Apprentices have been so framed as to provide as nearly as possible the same aggregate time for their instructions as that which is now afforded at South Kensington. Further regulations will be issued by their Lordships in regard to the admission of private Students to the course of study at the College on similar conditions to those now existing at South Kensington.

A limited number of Officers of the Mercantile Marine are admitted as Students of the College, enjoying the full advantages of the whole course of instruction and tuition by the Educational Staff, while Officers of the Mercantile Marine generally will, on application, be allowed to attend courses of lectures.

It is expected the College will become, not only an educational establishment affording the means of the highest training in theoretical subjects to Naval Officers of all classes, but also a nucleus of mathematical and mechanical science specially devoted to those branches of scientific investigation which have most interest for the Navy.

#### GENERAL REGULATIONS.

1. Officers and others who are required by regulations to pass through the College will follow such courses of study as may be from time to time prescribed.

2. Officers and others admitted as Students on their own application will, within certain limits, be allowed to select any course of study, and to attend all Lectures that may be given in the Theatre of the College, but a course in Mathematics will be considered indispensable.

3. Officers and others connected with the Public Service, and Officers of the Mercantile Marine, may, on application to the Admiralty, be allowed to attend Courses of Lectures, although not admitted as Students in the College, subject to such regulations as their Lordships may determine.

4. The privilege of attending Lectures may be extended to other classes, if the arrangements of the College will admit of it.



5. The term of study for all Officers, excepting Acting Lieutenants and Acting Sub-Lieutenants, will commence on October 1st in each year, and conclude on June 30th following. Officers will be admitted at the beginning of each Term, excepting those above specified, who, for the present, will enter monthly.

6. The vacation will commence on the 1st July, and terminate on the 30th September in each year.

In addition, leave of absence will be granted for ten days at Christmas and for a week at Easter.

The vacations for Acting Sub-Lieutenants will be six weeks at Midsummer and one month at Christmas.

7. All Officers on full pay will wear their uniform within the precincts of the College.

8. No Officers, unless under exceptional circumstances, will be permitted to rejoin for an additional period of study beyond that laid down in the foregoing Regulations, until after an absence of four years (two of which must have been passed in active service).

9. Captains, Commanders, and Chief Engineers taking advantage of the instruction at the College may reside outside the precincts, if they desire it. All other Officers admitted as Students must occupy rooms in the College, and join the appointed mess, unless special permission is obtained to reside outside.

10. Officers not making satisfactory progress will not be allowed to remain as Students at the College.

11. A Special Examination in the higher branches of study taught at the College will be held at the end of every Term, the most successful competitors in which will receive special rewards as stated below.

This examination will be open to all Officers above the rank of Sub-Lieutenant, but will be entirely voluntary.

The Officer attaining the highest number of marks will be granted 100*l.* a year for 3 years.

The Officer taking the second place will be granted 80*l.* a year for 3 years, and the Officer taking the third place, 50*l.* a year for 3 years.

12. Arrangements for regulating the courses of study and the relative value to be assigned to each subject in the various examinations, will shortly be promulgated.

13. Honorary Certificates will be given to Officers who are admitted as Students for a course of voluntary study, and who reach a certain standard at the examination on the completion of their course.

14. Officers who have received Honorary Certificates at the College, and Gunnery Lieutenants who have qualified at Greenwich, will be distinguished by the letter G appended to their names in the Navy List.

#### STAFF OF OFFICERS.

*Governor.*—The Right Hon. the Earl of Northbrook, G.C.S.I.

*President.*—Vice-Admiral William Garnham Luard, C.B.

*Captain.*—Capt. F. G. D. Bedford.

*Director of Studies.*—Dr. T. Archer Hirst, F.R.S.

*Professors of Mathematics.*—R. Kalley Miller, Esq., M.A., and Carlton J. Lambert, Esq., M.A.

*Professor of Applied Mechanics.*—J. H. Cotterill, Esq., M.A., F.R.S.

STAFF OF OFFICERS (*continued*).

- Professor of Physics*.—A. W. Reinold, Esq., M.A.  
*Assistant to the Professor of Physics*.—J. W. W. Waghorn, Esq., F.R.S.N.A., Engineer, R.N.  
*Professor of Chemistry*.—Dr. H. Debus, F.R.S.  
*Assistant to Professor of Chemistry*.—Vivian B. Lewes.  
*Professor of Fortification*.—Captain John L. Needham, R.M.A.  
*Assistant to Professor of Fortification*.—Lieutenant A. T. Down, R.M.A.  
*Mathematical and Naval Instructor, and Lecturer in Meteorology and Naval History*.—John K. Laughton, Esq., M.A., R.N.  
*Instructors in Nautical Astronomy and Navigation*.—T. S. Oborn, Esq., R.N.; Wm. T. Littlejohns, Esq., R.N.; T. O'Connor, Esq., M.A. R.N.; Rev. J. L. Robinson, M.A.  
*Instructors in Mathematics*.—William Gleed, Esq., B.A.; N. Fletcher; O. B. Martyn, Esq., B.A.  
*Instructors in French*.—Professor C. Cassal; M. Melotte.  
*Instructor in German*.—M. Eugene Oswald, M.A., Ph.D.  
*Instructor in Nautical Surveying*.—Staff-Commander, W. R. Martin.  
*Instructor in Steam*.—John Yeo, Esq., F.R.S.N.A., Engineer, R.N.  
*Assistant to Instructor in Steam*.—Chas. Rudd, R.N.  
*Instructor in Applied Mechanics*.—Thos. A. Hearson, Esq., F.R.S.N.A., Engineer, R.N.  
*Demonstrator in Physics*.—A. Haddon, Esq.  
*Demonstrator in Chemistry*.—R. Cowper, Esq.  
*Instructors in Naval Architecture*.—W. E. Smith and James Cotsell.  
*Instructors in Marine Engineering*.—Various Professors.  
*Instructor in Freehand Drawing*.—A. Ackland Hunt, Esq.  
*Medical Officer*.—G. W. Armstrong, Esq.  
*Storekeeper and Cashier*.—Francis Huskisson, Esq.  
*Senior Clerk*.—F. E. Raven, Esq. (for Correspondence, &c.)  
*Librarian*.—J. F. Cherry, Esq.  
*Clerk of the Works*.—J. G. Loughborough, Esq.  
*Curator of Naval Museum*.—Mr. Wm. Rees, R.N.  
*Naval Instructor*.—Henry B. Goodwin, Esq., M.A. { *For Duties connected with Examinations.*

## REGULATIONS RESPECTING NAVAL CADETS ON JOINING H.M.S. "BRITANNIA"

### TRAINING SHIP AT DARTMOUTH.

#### ENTRY AND EXAMINATION OF OFFICERS.

##### *For the Information of Candidates.*

Nominations for Naval Cadetships take place half-yearly immediately after the report of the last Examination has been received. 130 cadets are received on board the "Britannia."

An Examination of the young gentlemen who have obtained Nominations is held at the Royal Naval College, Greenwich, under the direction

of the Admiralty Examiners, on the third Wednesday in June, and the last Wednesday in November in each year, but the appointments date from the 15th of July and January following respectively.

No Candidate is eligible for Examination in June whose age will not be within the following limits on the 15th July following :—viz., not less than twelve nor more than thirteen and a half years of age ; nor in November whose age will not be within those limits on the 15th January following.

Every Candidate is required to pass the Medical Examination according to the prescribed regulations, and must have been found physically fit for the Royal Navy.

He must be in good health, and free from any physical defect of body, impediment of speech, defect of sight or hearing, and also from any predisposition to constitutional or hereditary disease or weakness of any kind, and in all respects well developed and active in proportion to his age.

Any Candidate rejected at the Medical Examination will, subject to the approval of the Board, be finally excluded from the Royal Navy.

The Candidate will be required to produce (1) a certificate of birth or declaration thereof made before a magistrate, (2) a certificate of good conduct from the masters of the school or schools at which he may have been educated during the two previous years, or, if educated at home, from his tutors or the clergyman of the parish in which he resides, and (3) a certificate of good health.

The Candidates are required to pass an examination in the following subjects, and, if successful, are forthwith appointed to H.M.S. "Britannia," the Training Ship for Royal Naval Cadets at Dartmouth ; and at the expiration of two years, Cadets go up for final examination for appointments on the active list of the Royal Navy. The pay of a Naval Cadet on board the *Britannia* is 18*l.* 5*s.* per annum.

|                                                                                                                                                                                        | Marks<br>assigned. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| (a) To write English correctly from <i>dictation</i> in a legible hand                                                                                                                 | 100                |
| (b) To <i>read</i> from a modern English author with intelligence,<br>and to <i>parse</i> easy sentences ... ..                                                                        | 100                |
| (c) <i>Arithmetic</i> , as far as proportion and vulgar and decimal<br>fractions ... ..                                                                                                | 200                |
| (d) <i>Elementary Algebra</i> , up to easy fractions and simple equa-<br>tions, with one unknown quantity ... ..                                                                       | 200                |
| (e) <i>Elementary Geometry</i> , viz., definitions, axioms, postulates,<br>and demonstrations of the first twelve propositions of the<br>first book of Euclid's <i>Elements</i> ... .. | 200                |
| (f) <i>Latin</i> . To read, translate and parse passages from Latin<br>authors into English, and to translate easy sentences<br>from English into Latin ... ..                         | 200                |
| (g) Read, translate, and parse easy passages from <i>French</i> ...                                                                                                                    | 100                |
| (h) <i>Scripture History</i> ... ..                                                                                                                                                    | 100                |
|                                                                                                                                                                                        | <hr/> 1,200 <hr/>  |

Four-tenths of the marks assigned must be obtained in each subject—480 marks in the aggregate.

A Candidate whose age does not exceed thirteen on the 15th July or 15th January (as the case may be), who may not be successful, will be allowed to present himself again at the next Examination without under-

going a fresh Medical Examination ; but no Candidate will be allowed more than two trials. Candidates whose age exceeds thirteen on the 15th July or 15th January following the Examination will not be allowed a second trial.

Any Candidate who fails to appear at the Examination after he has obtained a Nomination will not be allowed to present himself at any future Examination without a fresh Nomination, except in the case of illness certified by a physician or surgeon, and approved by their Lordships, in which case the Candidate will be allowed to present himself at the following Examination, provided he is still within the limits of age ; but under no circumstances will such a Candidate be allowed to appear at more than *one* Examination.

For all Cadets entered under these regulations the annual rate of payment will be at the rate of 70*l.* per annum for the period in the "Britannia," to be paid half-yearly in advance to the Accountant-General of the Navy. But the Lords Commissioners of the Admiralty reserve the power of selecting from among the Candidates nominated at each half-yearly Examination, a number, not to exceed 10, being sons of Officers of the Royal Navy, Army, or Marines, or of Civil Officers under the Board of Admiralty, with respect to whom the annual payment for the two years in the "Britannia" will be 40*l.* only. In selecting these their Lordships will have regard solely to the pecuniary circumstances of the parents or guardians of the Cadets.

No application for admission on such reduced scale will be entertained unless made *before* the Candidate is nominated.

The period of training on board the "Britannia" is four Terms ; two Terms in each year. The first Term of each year is from February to July, the second from August to December.

The vacations are five weeks at Christmas, two weeks at Easter, and six weeks at Midsummer.

There are Examinations in Seamanship and Study at the end of each Term.

Cadets who pass unsatisfactory Examinations at the end of any Term will be "warned," and they will be liable to be discharged at the end of the following or any subsequent Term, should they again be reported as failing to attain the proper number of marks at the Examinations.

The same rule will apply to Cadets who may be reported for unsatisfactory conduct during their service in the "Britannia."

Any Cadet who shall have been specially reported to their Lordships as for any reason unfit for the Service will be removed from the Navy.

Cadets will, on passing out of the Training Ship, take the order in which they pass their final Examination.

The parent or guardian of every Cadet will be required to provide outfit as under the regulations in force hitherto, and to sign a declaration (on the admission of the Cadet to the "Britannia") to the effect that he shall be immediately withdrawn on the receipt of an official intimation of his being considered unfit for the Royal Navy. (The cost of an outfit is 100*l.*)

Candidates entered under these regulations must understand that they are liable, at any period of their service subsequent to the date of leaving the Training Ship, to be selected to qualify for the Gunnery or Navigating Branches of the Service at the discretion of their Lordships ; who will, however, only exercise such power of selection in the event of there not being a sufficient number of volunteers for such duties.

The Princes Albert Victor and George Frederick of Wales, the eldest

sons of His Royal Highness the Prince of Wales, were among the cadets on board H.M.S. "Britannia," and went through a regular course of training, and on the 24th July, 1879, they bade farewell to the ship, having both obtained first class in seamanship and conduct.

This establishment has been further increased by the addition of a yacht for the use of Cadets. The "Syren" having been purchased by the Admiralty for this service, but the charge is to be placed against the Cadet's fund. Her Royal Highness the Princess of Wales, accompanied by His Royal Highness the Prince of Wales, the Duke of Connaught, and attended by the Right Hon. W. H. Smith, First Lord of the Admiralty, and others, visited the "Britannia" in 1878. After Her Royal Highness had presented the prizes to the Cadets, the Prince of Wales, standing on the deck in the uniform of the Royal Naval Reserve, said,—My lords, ladies, and gentlemen, permit me to express to you the great pleasure it has given the Princess to present to the Cadets who are about to leave the "Britannia" the prizes which they have so successfully won, and to express to you on my own part, as well as on that of the Princess, the very great pleasure it has given us to be here to witness and take part in these interesting proceedings. From Dr. Hirst we heard a most interesting and exhaustive speech regarding the studies of the Cadets and their merits. I can only wish those who are about to leave the "Britannia," and who have now fairly entered that noble service for which they have been trained, all possible success. Let me hope that the tuition they have received here will not be thrown away upon them, and that they may all emulate those bright examples to be found in English history, and of which every naval officer must be proud. To those Cadets who still remain on board this ship, I can only recommend strict assiduity to their studies, and strict obedience to discipline, and all of them to try and pass out of the "Britannia" as highly as they can, remembering, above all, that saying which one of our greatest admirals has handed down to posterity,—"England expects every man will do his duty." A personal interest which the Princess and myself take in this ship, and the confidence we have of its being an excellent practical school for boys, have been testified by the fact that we have sent our two sons among you to be educated. For myself, my only hope and trust is that they may do credit to the ship and to their country.

When the Prince and Princess arrived at Dartmouth, they were rowed to the "Britannia," one of their sons steering, and the other pulling the second bow oar. They left the ship in a boat rowed by full-grown sailors, and with their two sons, who were going home for their holidays, sitting in the stern-sheets.

The Rev. J. Clement P. Addons is the Principal Naval Instructor.  
W. B. Lowe, Instructor in Natural Science.

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## REGULATIONS RESPECTING CADETS

### WHILE UNDER TRAINING ON BOARD H.M.S. "BRITANNIA."

Naval Cadets who join the "Britannia" are allowed four Terms—two in each year—to complete their course of study, at the expiration of which they go up for final examination. The Terms are from the 1st February to the 15th July, and from about the 31st August to the 20th December; and the vacations are six weeks at Midsummer, five weeks at Christmas, and two weeks



at Easter; the dates of commencement of vacation depending upon the completion of the examinations by the President of the Royal Naval College, Greenwich. The friends of the Cadets must be prepared to receive them during all the vacations. The following payment will be required from the Parents or Guardian of each Cadet while in the "Britannia": before the commencement of each Term, 35*l.*, except in the case of those received at the reduced rate of 40*l.* a-year, whose half-yearly payments will be 20*l.* only. The Cadets have a weekly allowance, and all expenses attending their amusements are paid for by the Ship. All letters relative to the Cadets should be addressed as follows:—"The Commanding Officer, H.M.S. 'Britannia,' Dartmouth." Should Cadets bring valuable gold watches or chains with them to the Training Ship, they will be taken from them and placed in security, until they return to their homes. Silver watches will be allowed to be used. Parents or guardians of Cadets must, in all cases of permanent change of residence, communicate the same to the Captain of the Training Ship, without delay. The list of articles required for a Naval Cadet on joining Her Majesty's ship "Britannia" are as follows:—A midshipman's sea chest complete, with name in full on top, engraved on plain brass plate:—length, 3 feet 6 in.; breadth, 2 feet; height, 2 feet 3 in. It is requested that the chest may be at Dartmouth seven days previous to the Cadet's joining. 3 pillow cases; 1 hair mattress, 5 ft. 6 in. by 1 ft. 9 in.; 1 hair pillow; 2 blankets, 1 counterpane, 3 pair sheets, 6 ft. 6 in. by 4 ft. 6 in.; 1 uniform jacket, 1 ditto trousers, 1 ditto waistcoat, 1 ditto cap, peak  $\frac{1}{2}$  turn down, each superfine; 2 working uniform suits (one of thick flannel, one of pilot cloth); 1 uniform working cap, peak  $\frac{1}{2}$  turn down; 12 white shirts; 12 collars; 6 night shirts; 12 pair merino socks; 3 white flannel trousers, well shrunk; 6 pair drawers, merino; 3 white flannel shirts (with collars to turn down); 3 lambswool under-vests; 2 white waistcoats; 12 towels; 7 merino vests; 2 black silk neckties (made up); 2 pair braces; 3 pair strong *laced* boots, with thick soles; 1 clothes brush; 1 sponge; 1 carpet bag; 1 clothes bag; 12 pocket-handkerchiefs; 1 pair elastic-side Oxford shoes, with strong soles; 1 brush and comb; 1 tooth brush; 1 nail brush.

## ENTRY OF NAVAL CADETS.

The following new Regulations respecting Naval Cadets first took effect in 1881:—

1. Appointments to Naval Cadetships will be made by limited competition, with the under-mentioned exceptions,—Four Cadetships given annually to sons of gentlemen in the Colonies, on the recommendation of the Secretary of State for the Colonies. Service Cadetships, the total number of which is not to exceed five in any one year. Service Cadets will be selected by the Board of Admiralty from (a) the sons of officers of the Army, Navy, or Marines who have been killed in action, or have been lost at sea on active service, or killed on duty, or who have died of wounds received in action, or injuries received on duty, within six months from the date of such action or injury; (b) sons of officers of the Navy who have performed long or distinguished services, and who hold, or have held, rank or relative rank on the active list not lower than that of Commander; not more than two such Service Cadets to be nominated annually. Applications for Service Cadetships should be addressed to the Military Secretary

Horse Guards, if the Candidate is the son of an officer of the Army ; to the Secretary of the Admiralty, if the Candidate is a son of an officer of the Navy or Marines ; and to the Military Secretary, India Office, if the Candidate is the son of an officer of the Indian Army. Colonial and Service Cadets will be entered on passing the preliminary or test examination specified in par. 8, and will in all other respects be subject to these regulations. (1) The examination of Candidates nominated to compete, and also of Service Cadets, will be conducted by the Civil Service Commissioners ; a fee of 10s. will be required from each Candidate. (2) In arithmetic the Candidate will be required to obtain five-tenths, and in each of the other subjects of the test examination four-tenths of the marks allotted thereto. In English the Candidate must obtain four-tenths of the marks allotted for each of the two subdivisions of the subjects.

2. Except in special circumstances, not more than one-third of the number of Candidates actually presenting themselves before the Civil Service Commissioners will be entered.

3. Nominations for Naval Cadetships will take place half-yearly, as soon as convenient after the report of the last examination has been received.

4. Examination of the young gentlemen who have obtained nominations will be held in London, and will commence on the second Wednesday in June and the last Wednesday in November in each year, and the appointments will date from the 15th of July and the 15th of January following, respectively.

5. No candidate will be eligible for examination in June, whose age will not be within the following limits on the 15th of July following, viz., not less than 12 nor more than  $13\frac{1}{2}$  years of age ; nor in November, whose age will not be within those limits on the 15th of January following.

6. Every Candidate must be in good health, and free from any physical defect of body, impediment of speech, defect of sight or hearing, and also from any predisposition to constitutional or hereditary disease or weakness of any kind, and in all respects well developed and active in proportion to his age. Before being examined by the Civil Service Commissioners, he will be required to pass the medical examination according to the prescribed regulations, and must have been found physically fit for the Navy ; rejection at such examination will finally exclude him from the Navy.

7. The Candidate will be required to produce (1) a certificate of the date of his birth (a certificate of baptism will not be accepted), or a declaration thereof made before a magistrate ; (2) a certificate of good conduct from the masters of the school or schools at which he may have been educated during the two previous years, or if educated at home, from his tutor or the clergyman of the parish in which he resides ; and (3) a certificate of good health.

8. Candidates will be tested in examination in the following subjects :— (1) Arithmetic, including proportion, vulgar and decimal fractions, 200 marks. (2) Algebra, including fractions and simple equations with one unknown quantity, 175 marks. (3) Geometry, definitions, postulates, axioms, and subjects of the first 26 propositions of Euclid's "Elements," 175 marks. (4) English, writing and spelling from dictation, 100 marks. (5) French, translating, by aid of a dictionary, French into English, and English into French ; reading, parsing, and speaking, 200 marks. Scripture history, 100 marks. Candidates will be further examined in any two of the following subjects they may select :—Elementary mathematics, miscellaneous questions in arithmetic, algebra, including quadratic equations, and

geometry to the end of the first book of Euclid's "Elements," 300 marks, Geography and English history outlines, 300 marks.

9. The final order of merit will be determined by the sum of the marks obtained in the test, as well as in the further examination. Colonial and Service Cadets will be appointed on passing the test examination; they must, however, obtain 660 marks in the aggregate, as well as the proportion of marks in arithmetic and other subjects required from the Candidates who compete.

10. A Candidate who passes the test examination, but does not succeed in the competition, will be entitled to compete at the next examination, provided he is within the Regulations as to limits of age at that time. No Candidate will be allowed to compete more than twice. A Candidate who fails to pass the test will not be entitled to another trial; but he will be allowed to compete at the next examination, if he receives a fresh nomination, and is still within the limits of age.

11. A Candidate who, owing to illness, fails to appear at the examination for which he has obtained his nomination, may receive a second nomination, provided he is still within the limits of age.

12. For all Cadets entered under these Regulations, the payment will be at the rate of £70 p<sup>a</sup> annum, for the period in the *Britannia*, to be paid half-yearly in advance to the Accountant-General of the Navy. But the Lords Commissioners of the Admiralty reserve the power of selecting, from among the Cadets entered at each half-yearly examination, a number not to exceed ten, being sons of officers of the Navy, Army, or Marines, or of civil officers under the Board of Admiralty, with respect to whom the annual payment will be £40 only. In this selection their Lordships will have regard solely to the pecuniary circumstances of the Cadets.

13. The period of training on board the *Britannia* will be four terms; there will be two terms in each year. The first term of each year will be from February to July, the second from September to December. The vacations will be five weeks at Christmas, two weeks at Easter, and six weeks at Midsummer.

14. There will be examinations in seamanship and study at the end of each term. Cadets who pass unsatisfactory examinations, or who are reported for unsatisfactory conduct, will be "warned," and they will be liable to be discharged at the end of the following or any subsequent term, should they again be reported as failing to attain the proper number of marks at the examinations, or for unsatisfactory conduct. If a Cadet is reported for unsatisfactory conduct during his final term, he will be discharged without being allowed to present himself at the examination for passing out of the *Britannia*. Any Cadet who shall appear to their Lordships for any reason to be unfit for the Service will be removed from the *Britannia*.

15. It is to be distinctly understood that the period of training on board the *Britannia* is a time of probation, and the parent or guardian of every Cadet will be required to sign a declaration (on the admission of the Cadet to the *Britannia*) to the effect that he shall be immediately withdrawn on the receipt of an official intimation of his being considered unfit for the Navy.

16. Cadets will, on passing out of the *Britannia*, rank according to the amount of sea-time they obtain at their final examination, and those who obtain equal amounts of sea-time will rank in the order of merit in which they pass out of the *Britannia*.

17. The parent or guardian of every Cadet will be required to provide outfit under the Regulations in force.

18. Pay and pocket-money will not be allowed by Government to the Cadets entered in and after June 1881.

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## THE ROYAL MARINE ARTILLERY.

Admission to this arm of the service as Probationary Lieutenants is offered to successful candidates in order of merit at the half-yearly open competitions for admission to the Royal Military Academy at Woolwich. The Examinations are held in July and December, and are conducted by the Civil Service Commissioners. Candidates should first send in their names to the Secretary of the Admiralty. The limits of age are from sixteen to eighteen. The standard of height is at present 5ft. 5in. Certificates of birth and moral character are required, and all candidates are examined by a Medical Board. The subjects of examination are the same as those prescribed for admission to the Royal Military Academy, Woolwich (See page 150). Successful candidates are appointed Lieutenants on probation, and proceed to the Royal Naval College, Greenwich, where two Examinations are held in each year. Those who "pass" at the end of the first session remain at the College for another session, and if they "pass" again, they will receive their commissions in the Royal Marine Artillery in order of merit.

Each successful candidate at the Examination for entry must deposit the sum of 80*l.* with the Accountant-General of the Navy before he can be appointed a Lieutenant on probation. This is to provide for his equipment at the Royal Naval College, and on joining his division. The pay of a Lieutenant on probation is 5*s.* 3*d.* per diem.

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## ROYAL NAVAL COLLEGE, GREENWICH. SCHOOL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING.

This Institution is open to private students of Naval Architecture and Marine Engineering, at a fee of 30*l.* per session, or 75*l.* for the course of 3 years. The session is from the 1st of October to 30th of June; and during the summer months, by the courtesy of the Lords of the Admiralty, British students are admitted to the public dockyards for the study of Practical Shipbuilding and Marine Engineering. Professional certificates are granted. Courses of Lectures on professional subjects are given during the session.

The Lords Commissioners of the Admiralty have accepted an offer from the Committee of Lloyd's to establish an annual Scholarship of 50*l.* a-year,



tenable for three years, to be competed for by Private Students of Naval Architecture or Marine Engineering at the Royal Naval College. The regulations as to the competition for such Scholarship will be supplied by the Secretary. Candidates desiring to compete, being British subjects, must apply to the Secretary of the Admiralty, Whitehall, to enter the Royal Naval College as Private Students. They will be required to pass satisfactorily the entrance Examination for Private Students. The Candidate selected will enter the Royal Naval College, and remain there for three sessions, undergoing the full course in Naval Architecture or Marine Engineering, as may be determined by the Committee. He will reside outside the College.



## REGULATIONS RESPECTING EXAMINATIONS FOR FIRST APPOINTMENTS TO THE ROYAL MARINES.

### ROYAL MARINE LIGHT INFANTRY.

Admission to the Royal Marine Light Infantry will be offered to the successful Candidates, in order of merit (according to the number of vacancies), at the Open Competitive Examinations for admission to the Royal Military College at Sandhurst. The Examinations will be conducted by the Civil Service Commissioners, and will take place twice a-year, in the months of July and December. Candidates who have received permission from the Horse Guards to attend the Examination, and who are desirous of obtaining an appointment in the Royal Marine Light Infantry, should send in their names to the Secretary to the Admiralty, to whom all enquiries on the subject should be addressed.—2. The limits of age for Candidates for admission by competition will be from 17 to 20; for Students of the Universities, who shall have passed the Interim Examination, from 17 to 21; for Graduates of the Universities who shall have passed the Examination for the Degree of B.A. or M.A., from 17 to 22; and for Lieutenants from the Militia, who are eligible for Commissions in the Army as Lieutenants, and are recommended by the Horse Guards, from 19 to 22. They must be 5 ft. 5 in. in height.—3. Candidates must be within the prescribed limits of age on the following dates:—*Candidates for admission by Competition*: On the 1st of January next following the Winter Examination, and on the 1st of July for the Midsummer Examination. *Lieutenants from the Militia*: On the 1st of May of the year in which they are recommended for a Commission.—4. The successful Candidates will be appointed Lieutenants in the Royal Marine Light Infantry, and will be posted on the list of their Corps in the order in which they passed their Examination. They will join their respective divisions at once, and be instructed in their Drill and Military duties for service ashore and afloat. They will also undergo a course of Garrison or Military Instruction.—5. Each successful Candidate at the Examination for entry must deposit the sum of 80*l.* with the Accountant-General of the Navy, before he can be appointed Lieutenant in the Royal Marine Light Infantry, to provide for his equipment on joining his Division.



|                                                                     |     |     |     |     |     |     |       |
|---------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-------|
| *Arithmetic                                                         | ... | ... | ... | ... | ... | ... | 300   |
| <i>English—</i>                                                     |     |     |     |     |     |     |       |
| *Writing from Dictation                                             |     |     | ... | ... | ... | ... | 100   |
| *Composition                                                        | ... | ... | ... | ... | ... | ... | 100   |
| Grammar                                                             | ... | ... | ... | ... | ... | ... | 150   |
| <i>French—</i>                                                      |     |     |     |     |     |     | 350   |
| Translation into English                                            |     |     | ... | ... | ... | ... | 100   |
| Grammar                                                             | ... | ... | ... | ... | ... | ... | 50    |
|                                                                     |     |     |     |     |     |     | 150   |
| Geography                                                           | ... | ... | ... | ... | ... | ... | 100   |
| Algebra (up to and including quadratic equations)                   |     |     |     |     |     | ... | 300   |
| Geometry (the subjects of the first six books of Euclid's Elements) | ... | ... | ... | ... | ... | ... | 300   |
|                                                                     |     |     |     |     |     |     | 1,500 |

Candidates will also be tested as to their ability to read aloud with clearness, distinctness, and accuracy, and without hesitation. Stammering or any imperfection of utterance will be regarded as a disqualification.

8. Candidates who fail to pass in the first three subjects (those marked with an asterisk), or in reading aloud, will be disqualified, and their other papers will not be examined. The Candidates who display a competent knowledge of all those subjects, and who obtain not less than 750 marks in the aggregate, will be classed in one general list in order of merit, according to the number of marks gained, and will be eligible for appointment as Engineer Students in one of the Dockyards, according to the number of appointments which it may be decided to make that year.

## THE ROYAL NAVAL SCHOOL,

NEW CROSS, KENT.

*Patron.*—The Queen.

*President.*—Admiral the Hon. Arthur Duncombe, with 28 Vice-Presidents and a Council of 30 members.

This excellent Institution was founded in 1831, and was projected by Capt. Dickson, by voluntary contributions, the late Dr. Bell heading the list with 10,000*l.*, and incorporated by Act of Parliament in 1840. Nearly 200 boys, 160 being boarders, are prepared for the Universities, for the Naval, Military, East Indian, and Civil Services, for the Preliminary Examinations for the Legal and Medical Professions, and for Mercantile and other pursuits. The course of instruction includes Divinity, English, French, German, Latin, Greek, Ancient and Modern History and Geography, Arithmetic, Navigation, Mathematics, Natural Philosophy, &c. Lectures are given on scientific and general subjects each Term. There is Divine Service in the School Chapel on Sundays. There are good Playgrounds, a Cricket-field of about 4 acres, a large Swimming-bath, a Fives Court, a Gymnasium, and a Library on the premises. Terms: for sons of Officers in the Royal Navy or Marines, 42*l.* 10*s.* per ann. with a nomination, 45*l.* without a nomination; for grandsons, nephews, and stepsons of Officers in the Royal Navy or Marines, of Wardroom rank; sons of Officers in the Army; sons of Civil servants of the Crown, 48*l.* per annum (no nomination required);—for sons of gentlemen not in the service of the Crown, 58*l.* per annum (no nomination required). The number of these pupils is limited by the Bye-laws. These charges include board, education, stationery, washing, and medical attendance. Prizes offered for competition yearly: Gold Medal, Classical Silver Medal, Mathematical Silver Medal, Three Silver “Cookney” Medals for Industry and Good Conduct, Vellum Medallion Certificates are awarded as premiums for distinguished merit, Prizes of Books, &c. University Exhibitions: One of 10*l.* per annum, tenable for four years, open to the whole School; the Malcolm Scholarship of about 30*l.* per annum, tenable for three years, for sons of Officers in the Royal Navy or Marines; the Clothworkers’ Scholarship of 30*l.* per annum, tenable for three years, open to the whole School: Ten Guineas-worth of Books are presented to a pupil proceeding direct from the School to the University,

provided his general conduct shall have merited the gift; four Nominations for Naval Cadetships, a Nomination for an Assistant Clerkship, R.N., the Yarborough Scholarship (value about 35*l.*) is given as a Naval prize, and is open to competition amongst the sons of Officers of the Royal Navy or Marines. Other nominations are occasionally given for competition amongst the pupils. The Examinations take place at end of Summer Term, and are conducted by the Cambridge Syndicate. The Right Hon. Lord Northbrook, First Lord of the Admiralty, distributed the prizes to the successful students in 1880, and Sir Thomas Brassey in 1881. The vacations are, in the summer for six weeks, and at Christmas for four weeks. At Easter, leave is granted for about a fortnight. Head Master and Chaplain, the Rev. James White, M.A., late Head Master of the Oxford Military College, and formerly Mathematical Instructor at the Military Academy, Woolwich, and a large staff of assistant Masters, who are graduates in honours of Oxford or Cambridge. Secretary, Alfred Eames.



## GREENWICH HOSPITAL SCHOOL.

### REGULATIONS FOR THE ADMISSION OF BOYS TO GREENWICH HOSPITAL SCHOOL.

*President.*—Vice-Admiral W. Garnham Luard, C.B.

This School was established in 1801, and now consists of nearly 1,000 boys, the sons of petty officers and seamen, and of non-commissioned officers and privates of marines, who have served, or are now serving, in the Royal Navy or Coastguard, and of other seafaring persons. All claims for admission to the School will be judged of by a Committee of Selection, appointed by the Lords Commissioners of the Admiralty, in the following order of precedence, special consideration being given to length of service at sea:—1. Orphans, both parents dead.—2. Sons of fathers killed, drowned, deceased, wounded, or seriously maimed in Her Majesty's Service, or while employed by Her Majesty on board a merchant ship, or in action with an enemy, pirate, or rebel.—3. Those whose fathers, having served in the Royal Navy or Marines, are dead.—4. Those whose fathers are serving, and whose mothers are dead.—5. Sons of naval and marine pensioners. Sons of seamen and marines now serving, both parents living.—6. Sons of seamen or marines entitled to the benefits of Greenwich Hospital, not included in the foregoing classes.—7. Sons of other seafaring persons. — The sons of commissioned and other officers are not absolutely excluded, provided that the peculiar circumstances of their case render them eligible for this charity. Applications for admission are to be made to the Secretary of the Admiralty (Greenwich Hospital Branch), London, when the necessary forms will be sent, which, when properly filled up, must be returned as directed, with the three following documents:—(a) A certificate of the marriage of the parents; or, if not attainable, other satisfactory proof thereof; (b) Register of the boy's birth; (c) A certificate from the clergyman of the parish to which the boy belongs, or from the minister of his denomination, or from the master of the school at which the boy has been educated

as to his character and moral conduct. The services of the father upon which the claim is founded will be ascertained at the Admiralty, and due notice will be given without further application, should the child be selected for admission into the School. Boys are eligible for admission between 10½ and 13 years of age; they must be physically fit for sea service, able to read an easy sentence, and possess a knowledge of the first four rules in arithmetic. Applications will not be received until the Candidates are 10½ years of age. Boys will be discharged from the General Division on the first day of the month succeeding that in which they shall attain 13 years of age, unless they volunteer, with the consent of their parents or guardians, to enter the Royal Navy as boys, in which case, if they are reported physically fit, they will be retained in the School until 15 years of age, and then entered for continuous service in the Royal Navy. Vacancies, occasioned by boys unwilling or unfit to serve in the Royal Navy, will be filled up by selection from the sons of seamen and marines who are 13 years of age, fit and willing for service in the Royal Navy, and able to pass a sufficient Examination in reading, writing, and arithmetic. Applications for admission of boys at the age of 13 must be made six months previously, in the same manner as above directed, and the parents or guardians must sign an agreement before the boy is admitted, that he shall serve in the Royal Navy for a period of ten years' continuous and general service from the age of 18, in addition to whatever period may be necessary until he attains that age, otherwise that he shall be bound apprentice in the Merchant Service for four years, and enrolled in the Royal Naval Reserve. The Nautical or Selected Division will consist of 120 boys, who will be entered from the General Division by competitive Examination. At the age of 13, the boys in this Division of the School will be required to enter into an agreement, jointly with their parents or guardians, to enter the Royal Navy at the conclusion of their tuition, in such capacities as they may be found best qualified to fill. If they then be reported physically fit, they will be retained in the School until 15½ years of age, otherwise they will be discharged. Should there not be a sufficient number of boys qualified to fill the positions of pupil teachers, writers, and ship stewards' boys in the Royal Navy, from the Selected Division, boys from the General Division, who may volunteer, and who are able to pass the necessary Examination, will be appointed as may be required. The education of the boys in the General Division will comprise the usual elements of a sound English education, alternating with practical seamanship, and other industrial occupations designed to prepare them for a seafaring life. In the Nautical Division, elementary mathematics and mechanics, navigation, nautical astronomy, and French will be taught. A thorough knowledge of the art of swimming being one of the requirements for entry into the Royal Navy, all boys in the School will be taught to swim, and be periodically examined as to their proficiency. Children of Roman Catholics, or of Protestants not being members of the Church of England, will not be required to learn the Church Catechism, and will be allowed to attend convenient places of public worship in accordance with the religious persuasions of their fathers, provided application be made to that effect at the time of admission, by the father, if living; and if the father be dead at the time of the child's admission, then the marriage certificate of the parents, or baptismal register of such child, according to the rites and ceremonies of any established religious community of a date previous to the said father's death, will be received as evidence of the religious tenets of the father; that is, provided no authentic document

written by the deceased father be produced, expressing a contrary wish or direction as regards the religious instruction of such child.

### STAFF OF OFFICERS.

*Superintendent.*—Staff Commander Charles Burney, R.N., C.B. 1st Aug., 1870.

*Chaplain.*—Rev. C. N. York, M.A., R.N.

*Medical Officer.*—G. W. Armstrong, Esq. 1st Aug., 1870.

*Cashier and Storekeeper.*—Edward M. Roe, Esq., Paymaster R.N. 1st April, 1875.

*Head Master and Training Master of Pupil Teachers.*—Albert Escott. 1st Aug., 1870.

*Clerk.*—Edward A. Domville, Esq. 1st April, 1870.

*Masters.* { W. F. Card. James Baker. } 1st Aug., 1870.  
               { William Wallis. G. C. Pulsford. }

*Music Master.*—Edward Stanley Cockton.

## THE MARINE SOCIETY,

### H.M.S. "WARSPITE."

The Marine Society was instituted in the year 1756, and incorporated in the year 1772. It owes its origin to the sentiments of humanity and benevolence exerted in behalf of a number of wretched and distressed boys, who at the suggestion of an individual nobleman were in the spring of the year 1756, collected together by that active Magistrate, Sir John Fielding, clothed at the expense of the Duke of Bolton, and sent to serve on board His Majesty's Ship "Barfleur," then under his Grace's command.

One hundred and twenty years have passed since the Marine Society began its work of taking these poor boys from the streets, and training them for the service of their country at sea. During all these years the work of the Society has steadily progressed, until now the number sent to sea has reached 58,466, and in place of the little "Beatty" with her crew of 40 boys,—the first training-ship that ever floated in English or any other water,—the noble line of battle-ship, "Warspite," lies moored at Woolwich with 300 boys on her decks. The ship lies off Charlton Pier, a few miles only down the river; she is always open to friends, and there are few more interesting sights near the metropolis than that which a visit to the "Warspite" affords. The age for boys on admission is from thirteen to sixteen, height from 4 ft. 8 in.; and the general system of training is, as far as means will allow, the same as that practised in the Royal Navy. In addition to the ordinary seamanship instruction and swimming, the boys are taught the great gun exercise, rifle and cutlass drills—a point of much importance, as laying the foundation of their fitness eventually for joining the Royal Naval Reserve. Ninety-three boys learned to swim last summer.

The utility of this humane design, in rescuing from misery and reclaim-



ing as many as possible of this class of neglected youths from the paths of idleness, and too probably of infamy and perdition, was so obvious, that the plan was immediately followed up by the most active philanthropy by Mr. Walker, of Lincoln's Inn, who had accidentally met with those lads on their way to join the "Barfleur." By subscription which he promoted, from three to four hundred boys were in a short time clothed and provided for, in a profession most likely to make them useful and creditable members of the community.

From the establishment of this Institution in June of the year 1756 to the close of the War 1763, the Governors of this Society clothed and fitted out for the sea service the following number :—

|                                                                |        |
|----------------------------------------------------------------|--------|
| Boys for Her Majesty's Ships, and for the Merchant Service ... | 5,174  |
| From May, 1769, to the 31st December, 1876—                    |        |
| Sent into the Royal Navy ... ..                                | 26,950 |
| " " Indian Navy ... ..                                         | 3,760  |
| " " Merchant Service ... ..                                    | 22,582 |

The total number of boys fitted out since the commencement of the establishment in June, 1756, to 31st Dec., 1876, is ... 58,466

Number of Landsmen to whom a bounty of sea-clothing was given by this Society (on condition of their serving on board ships in the Royal Navy) from the first establishment of the Institution in June, 1756, to the year 1814 ... 39,360

Total Number ... .. 97,826

The great advantages accruing to the public from this benevolent Institution, in every view of its policy, humanity, and charity, and its importance to the country at large, as well as to the forlorn destitute beings who are its primary object, are so obvious, that the Author of this book hopes the space he has devoted in giving a full official account of the Society may induce many new patrons to give it the benefit of their support. The total number sent to sea since the Marine Society placed the first training ship on the river is 59,400. These poor or destitute boys have been trained and sent to sea. An amount of good work has thus been accomplished in the face of many difficulties which needs no comment, so obviously useful is it to the country at large. *Society's Offices, Bishopsgate Street Within.*

*President.*—Earl of Romney.

*Secretary.*—S. Whitchurch Sadler, Esq., Paymaster-in-Chief, R.N.  
*Superintendent on Board the "Warspite."*—Captain Arthur W. Gillett, R.N.

## THAMES NAUTICAL TRAINING COLLEGE,

H.M.S. "WORCESTER."

*Offices:* 72, Mark Lane, London, E.C.

The difficulty experienced in providing properly qualified Officers for Merchant vessels induced several gentlemen interested in shipping to form an Association for the purpose of remedying in some degree this acknowledged deficiency; and we have every reason to believe that valuable results, in a national point of view, are accruing from this undertaking.

The Lords Commissioners of the Admiralty, on being applied to, placed first the "Worcester," a fine 50-gun frigate, which was fitted and opened for the reception of pupils on the 4th August, 1862; the "Frederick William," 72 guns and 4,725 tons was afterwards, in 1877, substituted; this vessel, however, retaining the name of the "Worcester." She is moored off Greenhithe, Kent. and accommodates about 200 boys, who are trained for a seafaring life under an able Commander and Schoolmasters. The boys are taught practical seamanship, such as knotting, splicing, reefing, furling, heaving the lead, management of boats, swimming, &c., also navigation, and nautical astronomy, and besides the usual branches of a sound English Education, Algebra, Geometry, Trigonometry, Mechanics, Steam Engine, Marine Surveying, Freehand Drawing, Chart Drawing, and the French Language, are taught to all on board. Her Most Gracious Majesty the Queen grants two prizes annually for competition, and the Lords of the Admiralty present annually to the "Worcester Cadets" six commissions as midshipmen in the Royal Naval Reserve. Boys usually leave after two years' training.

The annual fees for admission in the Upper School for cadets from thirteen to sixteen years of age are fifty guineas, and in the Lower School for cadets from eleven to thirteen years of age, forty-five guineas, and ten guineas per annum for Uniform, Medical Attendance, Washing, and use of School Books and Stationery. The year is divided into three terms. The Uniform consists of best blue jacket, waistcoat, trowsers, cap, and badge, also one pair second quality blue cloth trowsers and cap, and three uniform serge shirts. Thomas Brassey, Esq., M.P., distributed the prizes in 1878. Visitors are admitted to the ship on Wednesdays and Saturdays from 2 to 4.

#### OFFICERS.

*Commander.*—Capt. J. Henderson Smith, Lieut. R.N.R.

*Head Master and Chaplain.*—Rev. W. T. Read, M.A.

*Hon. Secretary.*—W. M. Bullivant, Esq

*Treasurer.*—The Right Hon. Stephen Cave, M.P., 35, Wilton Place, S.W.

### MERCANTILE MARINE SERVICE ASSOCIATION, LIVERPOOL.

SCHOOL SHIP.—H.M.S. "CONWAY," ROCK FERRY, RIVER MERSEY.

Incorporated by special Act of Parliament. This institution (now conducted on board H.M.S. *Conway*, moored in the river Mersey, off Rock Ferry) is designed mainly to train and educate boys intended for officers in the Mercantile Marine or Merchant Navy. There is a complete and efficient nautical and educational staff maintained, by whom the boys are carefully and regularly instructed, and exercised in all the duties of a first-class ship, and receive a general education. Her Majesty the Queen has been pleased to declare her intention to present annually a Gold Medal to the boys of the *Conway*. "Her Majesty's wish in the establishment of this prize is to encourage the boys to acquire and

maintain the qualities which will make the finest sailor." Her Majesty has also been pleased, with a view to encourage boys of the *Conway* to qualify themselves for Cadetships in the Navy when granted by the Admiralty, to declare her intention of offering a prize annually to the boys who compete for Cadetships in Her Majesty's service. This prize will consist of a Binocular Glass, with a suitable inscription, and a sum of 35*l.* towards the expense of the outfit of the boy who obtains the prize. Ten appointments annually as midshipmen in the Royal Naval Reserve are given by the Lords of the Admiralty. The terms of admission are 40 guineas per annum, payable half-yearly in advance. 10 guineas are also charged at the commencement of each year for the uniform and outer clothing, medical attendance, washing, use of books, and stationery. The parents or friends of boys are required to find their under-clothing and shoes. The sons of officers in the Royal Navy are admitted at 30 guineas instead of 40 guineas per annum. No boys are received under the age of 12, or who have passed their 16th birthday. In school all the pupils are under the 2 senior Masters and their Assistants. Their studies comprise English Grammar, Reading, Composition, History, Geography, Writing; Arithmetic, Algebra, Geometry, Trigonometry, Navigation, Nautical Astronomy, Swimming, and Chart Drawing. The holidays are from the 1st to the 31st of July, and from the 20th of December to the 31st of January. The system of education is framed with a view to the boys remaining on board not less than 2 years.

*Commander.*—Capt. E. B. H. Franklin, R.N.

## TRAINING SHIPS CHICHESTER AND ARETHUSA.

*Offices:* 25, Great Queen Street, Holborn.

On board these ships about 300 boys are wholly supported and trained as Sailors for the Merchant Service and Royal Navy.

This is one of the most practical and useful Charities for helping destitute boys to a useful life and to be of service to the country.

*Secretary.*—William Williams.

## PRELIMINARY EXAMINATIONS FOR THE ARMY.

Preliminary Examinations for admission to the Royal Military College will be held in London, Edinburgh, and Dublin on the 6th and 7th of February, and on the 12th and 13th of March, 1884, under the regulations issued with G. O. 113 of 1880. No Preliminary Examination for admission to Sandhurst will take place immediately preceding the "Further Examination" of July 1884.



# OUR CIVIL SERVICE.

# MONT CHARMANT,

*LAUSANNE (Switzerland),*

**ROYAL MILITARY ACADEMY, ROYAL MILITARY COLLEGE, EXAMINATION OF LIETENANTS OF MILITIA, COOPER'S HILL, UNIVERSITIES, CIVIL SERVICES, INDIA WOODS AND FORESTS.**

STAFF COLLEGE.

N.B.—There is no subordination of one branch of work to another, the special Examinations are equally and efficiently provided for.

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## ARMY CLASSES

**Lt.-Colonel SEAGRIM,**

LATE ROYAL SCOTS, PERTHSHIRE LIGHT INFANTRY, AND  
STAFF CORPS, SUPERINTENDENT.

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The year is divided into Three Terms :—Spring Term, January 7th to April 15th ; Midsummer Term, April 21st to July 10th ; Autumn Term, September 1st to December 20th.

FEES.—Resident Pupils, 55 guineas per Term of fourteen weeks ; including Tuition, Board, Residence and Laundress.

Non-resident Pupils 25 guineas per Term of fourteen weeks.

Fees of Pupils entered at the beginning of Term are payable in advance ; those of Pupils entered at any other time, in advance for the remaining part of the current Term.

A Pupil once entered a Term's notice of removal is required, or in the absence of this, a Term's payment.

Medical attendance and firing, when required, are the only extras for residents, if mathematical instruments and books are brought.

Payments are requested to be made by cheque on an English bank in favour of Messrs. Marcel & Co., Lausanne.

The houses stand in extensive grounds in the country, and are especially adapted for Pupils.

RECREATION.—Football, Cricket, Lawn-Tennis, and Boating on the Lake of Geneva.

Colonel SEAGRIM devotes his entire time to the Pupils, and specially limits himself as to number to ensure the greatest possible thoroughness in the work.

Lausanne is remarkable for beauty of situation and as a health resort. Water is obtained from the Alps, and its drainage system is perfect.

Colonel SEAGRIM (assisted by Captain WALKER, late R.A.) teaches the military subjects required from officers in and before entering the Army. His experience as Brigade Major, Assistant Adjutant-General, Garrison Instructor (honorary) and Judge Advocate, will be a guarantee that instruction will be imparted, as therefore, with absolute success. The military subjects are taught as at Sandhurst.

To Students desirous of proficiency in Modern Languages special advantages present themselves, French and German being spoken, the masters those of the Academy, Lausanne, and of proved ability.

Students are accompanied to London for the examinations.



## OUR CIVIL SERVICE.

THESE EXAMINATIONS ARE CONDUCTED BY HER MAJESTY'S CIVIL  
SERVICE COMMISSIONERS.

*First Commissioner.*—Viscount Enfield.

*Other Commissioners.*—Sir George Webbe Dasent, Knt., D.C.L., Theodore  
Walrond, Esq., C.B.

*Director of Examinations.*—Edward Headlam, Esq.

*Senior Assistant Examiner.*—E. Poste, Esq.

*Second ditto.*—G. G. Butler, Esq.

*Third ditto.*—J. Bonar, Esq.

*Secretary and Registrar.*—Horace Mann, Esq.

*Office.*—Cannon Row, Westminster, S.W. Hours, 10 to 5.

Prior to any Candidate being admitted to the competition test, a Preliminary Examination in the following subjects is necessary, the fee for which is 1*l.*:—Handwriting, Orthography, Arithmetic, Vulgar and Decimal Fractions, and English Composition; and any Candidate who fails to satisfy the Examiners of his competence in these subjects will not be admitted to the next Preliminary Examination *within* three months.

It has been necessary, for the economy of space, to use the following abbreviations.

### ABBREVIATIONS.

The abbreviations consist in most cases of the first and final letters of the subject required for Examination, viz.:—

|          |         |                                              |         |         |                                    |
|----------|---------|----------------------------------------------|---------|---------|------------------------------------|
| Ac. 1.   | denotes | Arithmetic                                   | E. C. 3 | denotes | English Language<br>and Literature |
| „ 2.     | „       | Arithmetic (Elementary)                      | E. Hy.  | „       | English History                    |
| „ 3.     | „       | Arithmetic (to Vulgar and Decimal Fractions) | Eud.    | „       | Elucid                             |
| Bk. 1.   | „       | Bookkeeping                                  | F.      | „       | French                             |
| „ 2.     | „       | Bookkeeping by Single Entry                  | Geog.   | „       | Geography                          |
| „ 3.     | „       | Bookkeeping by Double Entry                  | Gk.     | „       | Greek                              |
| Cg. Mt.  | „       | Copying Manuscript (to test accuracy)        | G.      | „       | German                             |
| Com.     | „       | Comparison copies with originals             | Hg.     | „       | Handwriting                        |
| E. C. 1. | „       | English Composition                          | I.      | „       | Italian                            |
| „ 2.     | „       | English Composition (with Précis Writing)    | Ln.     | „       | Latin                              |
|          |         |                                              | Mths.   | „       | Mathematics (pure and mixed)       |
|          |         |                                              | Oy.     | „       | Orthography                        |
|          |         |                                              | P. Wg.  | „       | Précis Writing                     |
|          |         |                                              | Rd.     | „       | Reading                            |
|          |         |                                              | W. Dic. | „       | Writing from Dictation             |
|          |         |                                              | Mks.    | „       | Marks                              |

## ROYAL INDIAN ENGINEERING COLLEGE, COOPER'S HILL, MIDDLESEX.

*Post Town, Staines. The nearest Railway Station, Egham, Surrey.*

This College has been recently placed on a new basis, and the advantages afforded by it as a Training Institution for those who purpose adopting the Civil Engineering Profession in India or elsewhere are now offered to all persons desirous to follow the course of study pursued there.

A number of students, not exceeding 50, will be admitted to the College in September, 1884. Candidates for admission must, on the 1st July, 1884, be over 17 and under 21 years of age and must give satisfactory proof of their having received a fair general education.

The Secretary of State for India will offer Ten Appointments in the Indian Public Works Department for competition among the students entering the College in September, 1884, at the termination of their prescribed three years' College course, that is, in the summer of 1887.

For all further particulars apply, by letter only, to the Secretary, Public Works Department, India Office, S.W.; or to the President, Royal Indian Engineering College, Cooper's Hill, Staines.

This College was founded for the service of the Government of India, to supply Civil Engineers for the Indian public works, and an extensive range of buildings has been recently erected by additions to the mansion on Cooper's Hill. The site is peculiarly commanding and well chosen, the views of the surrounding country being most picturesque. The architect, Sir Digby Wyatt, has, by judicious alterations, and by the erection of new buildings, produced a handsome College, with accommodation for 150 Students. The studies involve a three years' course, so that every year there will be 50 fresh Students.

The College was originally established under the order of the Secretary of State for India in Council, and, as above stated, with a view to the education of Civil Engineers for the service of Government in the Indian Public Works Department.

Admission is obtained by a Pass Examination, to which all British-born subjects between the ages of 19 and 21 years on the 1st day of July of each year, are eligible, but intending competitors will be required to furnish satisfactory evidence of fitness to the Civil Service Commissioners.

The course of special education for the Candidates selected by this competition extends over three years, and all the Students who pass through it successfully may obtain appointments in the Indian Public Works Department, as Assistant Engineers, and will be provided with a free passage to India.

The College course will extend over three years, each divided into three terms, with vacations of four weeks at Christmas, two weeks at Easter, and eight weeks in the summer.

An annual charge of 150*l.* will be made for each Student, in three payments of 50*l.* per term, which must be paid in advance to the Accountant-General, India Office.

The system of instruction will be partly what is usually termed professorial, by delivery of lectures, and partly tutorial, that is, in supervision of and assistance given to the Students in their work. There will be specified

courses of lectures and times of instruction, at which attendance will be obligatory, but the Professors and Instructors in each branch will also give additional instruction to those who desire it. A free passage to India is provided, and a commencing salary of 420*l.* is given to each successful candidate, the appointment being "Assistant Engineer, Second Grade."

The Pass Examination is held in the latter end of June or beginning of July, under the orders of the Civil Service Commissioners, and embraces the following subjects (see abbreviations, page 199) :—

1. E. C. 1, E. Hy., and Literature, marks assigned, 750 ; 2. Mths, 2,500 ; 3. Ln., 1,000 ; 4. Gk., 1,000 ; 5. F., 750 ; 6. G., 750 ; 7. Inorganic Chemistry, 700 ; 8. Heat and Light, 700 ; 9. Electricity and Magnetism, 700 ; 10. Geology and Physical Geography, 700 ; 11. Mechanical Drawing of Geometrical Figures, 500 ; 12. Freehand (Figure and Landscape) Drawing, 500.

Of these subjects two will be compulsory, viz :—1. E. C. 1, to the extent of a Candidate's being able to write grammatically and with correct spelling. An exercise will also be given in W. Dic. 2. The following branches of mathematics—viz., ac., algebra, Eucl. (first four and sixth books), mensuration, plane trigonometry, and the elements of statics and dynamics.

The obligatory subjects of study at the College are :—Mathematics, pure and applied, with the Mechanics of Engineering ; Theory and Practice of Construction ; Elementary Principles of Architectural Design ; Surveying ; Mechanical Drawing and Descriptive Geometry ; Chemistry, Physics, and Geology ; Hindustani and History and Geography of India ; Accounts.

The optional subjects taught are :—Higher Mathematics in extension of the obligatory course ; Natural Science, ditto ; Architecture, ditto ; Free-hand Drawing ; Photography.

A Final Examination for Indian appointments will be held during the last year, which will be conducted by special Examiners not connected with the College. This Final Examination, in addition to paper work and *vivâ voce* questioning, will embrace exercises in surveying, drawing, designing, and estimating, which will occupy some weeks in execution. The subjects of examination are divided into four branches, viz. :—

1. Engineering, including Drawing, Architecture, Surveying, and Accounts.
2. Mathematics including the Mechanics of Engineering.
3. Natural Science.
4. Hindustani, and History and Geography of India.

Further particulars regarding the course of studies and distribution of marks allotted at the Final Examination will be found in the College Calendar. The Calendar also contains the papers set at the Entrance Competitive Examination.

Each Student is provided with a separate room furnished, and with fuel and light, also with the necessary attendance. He is required to supply his own bed-linen and towels. Meals are taken in hall. Wine and beer are not included in the ordinary fare, but are supplied from the College cellar. A chapel is attached to the College. Every Student will be required to go through a course of exercise in the gymnasium, and of military exercises, including the use of the rifle.

Students are required to wear academical dress under such regulations as may be prescribed by the President.

Every passed Student before proceeding to India will be required to furnish evidence of his competency in riding.

There are scholarships and prizes available to the Students of the College.

The various ranks of the Department are as follows :—

|                                      |     |     |     |     |     | Salary per Annum. |
|--------------------------------------|-----|-----|-----|-----|-----|-------------------|
| Chief Engineers, First Class         | ... | ... | ... | ... | ... | £3,000            |
| " " Second Class                     | ... | ... | ... | ... | ... | 2,400             |
| " " Third Class                      | ... | ... | ... | ... | ... | 2,160             |
| Superintending Engineer, First Class | ... | ... | ... | ... | ... | 1,920             |
| " " Second Class                     | ... | ... | ... | ... | ... | 1,620             |
| Executive Engineers, First Grade     | ... | ... | ... | ... | ... | 1,140             |
| " " Second Grade                     | ... | ... | ... | ... | ... | 960               |
| " " Third Grade                      | ... | ... | ... | ... | ... | 780               |
| " " Fourth Grade                     | ... | ... | ... | ... | ... | 660               |
| Assistant Engineers, First Grade     | ... | ... | ... | ... | ... | 540               |
| " " Second Grade                     | ... | ... | ... | ... | ... | 420               |
| " " Third Grade                      | ... | ... | ... | ... | ... | 300               |
| Apprentices                          | ... | ... | ... | ... | ... | 120               |

*Board of Visitors.*—Sir Richard Temple, G.C.S.I., C.I.E., D.C.L., Chairman ; Mr. W. H. Barlow, F.R.S., President Inst. C.E. ; Mr. F. T. Bramwell, F.R.S. ; Lieut.-General C. H. Dickens, C.S.I., R.A. ; Sir Barrow H. Ellis, K.C.S.I. ; Mr. J. Fowler, past President Inst. C.E. ; Dr. C. W. Siemens, D.C.L., F.R.S. ; Lieut.-General R. Strachey, C.S.I., R.E. ; Colonel H. Yule, C.B., R.E.

#### STAFF OF THE COLLEGE.

*President.*—General Sir Alexander Taylor, K.C.B., R.E.

*Professor of Construction.*—Callcott Reilly, Esq., Mem. Inst. C.E.

*Professor of Hydraulic Engineering and Mechanism.*—W. C. Unwin, Esq.,  
Bac. Sc., Assoc. Inst. C.E.

*Assistant Professor of Engineering.*—A. H. Heath, Esq., Assoc. Inst. C.E.

*Professor of Mathematics.*—Rev. J. Wolstenholme, M.A.

*Professor of Applied Mathematics.*—G. M. Minchin, Esq., M.A.

*Professor of Surveying.*—Lieut.-Colonel W. H. Edgcome, R.E., and Lieut.-Colonel Courtenay.

*Professor of Experimental Science.*—Herbert McLeod, Esq.

*Instructor in Geometrical and Architectural Drawing and Lecturer in Architecture.*—T. H. Eagles, Esq., M.A.

*Instructor in Freehand Drawing.*—S. T. G. Evans, Esq.

*Lecturer in Hindustani and History of India.*—

*Lecturer in Geology and Mineralogy.*—Professor P. M. Duncan, M.B., F.R.S.

*Bursar.*—J. P. Pasco, Esq., R.N., retired.

*Secretary.*—J. G. Whiffin, Esq., Paymaster-in-Chief, R.N., retired.

*Chaplain.*—Rev. C. Crosslegh, B.D.



LIMITS OF AGE  
AND SUBJECTS OF EXAMINATION  
FOR THE VARIOUS DEPARTMENTS  
OF THE HOME CIVIL SERVICE,  
AND ALSO FOR THE CIVIL SERVICE OF INDIA, &c.

SCHEDULE A.

Departments to which the principle of Open Competition,  
under Schedule A, is applied —

|                                                                |                                                                      |
|----------------------------------------------------------------|----------------------------------------------------------------------|
| Treasury.                                                      | Constabulary Office (Ireland).                                       |
| Privy Council Office.                                          | Directors of Convict Prisons' Office (Ireland).                      |
| Colonial Office.                                               | Office of Inspectors-General of Prisons (Ireland).                   |
| Indian Office.                                                 | General Register Office (Ireland).                                   |
| War Office.                                                    | Registrar of Petty Sessions Clerks' Office (Ireland).                |
| Admiralty.                                                     | Inspectors of Lunatic Asylums' Office (Ireland).                     |
| Board of Trade.                                                | Registry of Deeds (Ireland).                                         |
| Local Government Board.                                        | Public Works Office (Ireland).                                       |
| Privy Seal Office.                                             | Dublin Metropolitan Police Office.                                   |
| Customs.                                                       | Divisional Justices' Offices, Dublin.                                |
| Inland Revenue.                                                | Convict Service (Clerks in Directors' Office) and Clerks in Prisons. |
| Paymaster-General's Department.                                | Metropolitan Police Courts, London (Clerks).                         |
| Civil Service Commission.                                      | Factory Inspectors' Office (Clerks).                                 |
| General Post Office (Clerks in Secretary's Department).        | Salmon Fisheries Office (Clerks).                                    |
| Mint.                                                          | Inspectors of Burial Grounds (Clerks).                               |
| Exchequer and Audit Department.                                | Public Record Office, Ireland (Clerks).                              |
| General Register Office.                                       | Lunacy Commission, England (Clerks).                                 |
| Office of Works.                                               | Prison Managers' Office, Scotland (Clerks).                          |
| Office of Woods, &c.                                           | Ecclesiastical Commission (Clerks and Supplementary Clerks).         |
| National Debt Office.                                          | Patent Office.                                                       |
| Public Record Office.                                          | Office of the Comptroller in Bankruptcy (Junior Clerks).             |
| Stationery Office.                                             | Home Office and its subordinate Departments.                         |
| Charity Commission.                                            | Registry of Friendly Societies Clerks and Copying Clerks.            |
| Education Office.                                              |                                                                      |
| Registry of Designs.                                           |                                                                      |
| Registry of Seamen.                                            |                                                                      |
| Registry of Joint-Stock Companies.                             |                                                                      |
| Emigration Office.                                             |                                                                      |
| University of London.                                          |                                                                      |
| Science and Art Department.                                    |                                                                      |
| London Gazette Office.                                         |                                                                      |
| County Courts Judgments Registry.                              |                                                                      |
| Office of Examiners of Criminal Law Accounts.                  |                                                                      |
| Queen's and Lord Treasurer's Remembrancer's Office (Scotland). |                                                                      |
| Chief Secretary's Office (Ireland).                            |                                                                      |



## CLERKSHIPS IN THE HOME CIVIL SERVICE.

## CLASS I.

(See Schedule A, page 203. See Abbreviations, page 199.)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Limits of Age. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <i>Preliminary Examination.</i> —Hg., Oy., Ac. 3, E. C. 1. Fee, 1 <i>l</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |
| <i>Competitive Examination.</i> —E. C. 2, 500 mks. ; E. Hy. (includ. that of the Laws Constitution), 500 mks. ; E. C. 3, 500 mks. ; Language, Literature, and History of Greece, 750 mks. ; Language, Literature, and History of Rome, 750 mks. ; Language, Literature, and History of France, 375 mks. ; Language, Literature, and History of Germany, 375 mks. ; Language, Literature, and History of Italy, 375 mks. ; Mths., 1,250 mks. ; Natural Science—(1) Chemistry, including heat, (2) Electricity and Magnetism, (3) Geology and Mineralogy, (4) Zoology, (5) Botany—1,000 mks. The total (1,000) mks. may be obtained by adequate proficiency in any two or more of the five branches of Science included under this head. Moral Sciences : that is, Logic, Mental and Moral Philosophy, 500 mks. ; Jurisprudence, 375 mks. ; Political Economy, 375 mks. Fee, 5 <i>l</i> . | 18 and 24      |
| Candidates will be at liberty to offer themselves for examination in any or all of these subjects. No subjects are obligatory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |

## CLASS II.—LOWER DIVISION.

(See Abbreviations, page 199).

|                                                                                                                                                                      | Limits of Age.                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <i>Preliminary Examination.</i> —Hg., Oy., Ac. 3. Fee, 15 <i>s</i> .                                                                                                 | 17 and 20<br>For "Lower Division" men-clerkships.       |
| <i>Competitive Examination.</i> —Hg., Oy., Ac. 1, Cg. Mt., E. C. 1, Geog., Indexing or Docketing, Digesting Returns into Summaries, E. Hy., Bk. 1. Fee, 5 <i>s</i> . | 16 and 20<br>For other situations under Regulations II. |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limits of Age.                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <p>OPEN COMPETITIVE EXAMINATIONS FOR BOY-CLERKSHIPS<br/>IN THE LOWER DIVISION OF THE CIVIL SERVICE.</p> <p>Hg., Oy., Ac. 3, Cg. Mt., E. C. 1, Geog. Fee, 10s.</p> <p>No Candidate will be eligible who does not satisfy the Civil Service Commissioners of his competency in hand-writing, orthography, and arithmetic.</p>                                                                                                                                                                                                                                                                                                            | 15 and 17                                                                                                                   |
| <p>TEMPORARY MEN-COPYISTS IN PUBLIC DEPARTMENTS.</p> <p><i>Obligatory.</i>—Hg., Oy., Cg. Mt., Copying Figures and Tabular Statements.</p> <p><i>Optional.</i>—Ac. 1. Fee, 5s.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Over 18                                                                                                                     |
| <p>TEMPORARY BOY-COPYISTS IN PUBLIC DEPARTMENTS.</p> <p>Hg., Oy., Ac. 2. Fee, 1s.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14 and 18                                                                                                                   |
| <p>BRITISH MUSEUM.</p> <p>I. <i>Assistants.</i>—W. Dic., Ac. 2, E. C. 1, P. Wg., Geog., E. Hy., two languages besides English, one of which must be either Gk. or Ln.</p> <p>Persons possessing a special knowledge, whose services are particularly needed, will be examined with regard to the knowledge in which special proficiency is required rather than with regard to the general subjects of the qualifications for assistants.</p> <p>II. <i>Junior Assistants.</i>—W. Dic., Ac. 2, P. Wg., Translation from one ancient or modern foreign language.</p> <p>III. <i>Messengers and Male Attendants.</i>—W. Dic., Ac. 2.</p> | <p>18 and 30</p> <p>Persons possessing a special knowledge may be appointed up to 35.</p> <p>17 and 25</p> <p>18 and 40</p> |
| <p>BROADMOOR CRIMINAL LUNATIC ASYLUM.</p> <p><i>Schoolmasters.</i>—Hg., Oy., Rd., Ac. 3, Grammar and English Language, Religious Knowledge (the Bible), School Management, two at least of the following, at the option of the Candidate: E. Hy., Geog., Elements of Geometry, or some other branch of Mathematics, Ln.</p>                                                                                                                                                                                                                                                                                                            | 21 and 40                                                                                                                   |
| <p>COURT OF CHANCERY, IRELAND.</p> <p>I. <i>Clerks in Record and Writ Office.</i>—Hg., Oy., Ac. 3, Com., E. C. 1, E. Hy. The first two volumes of Stephen's Commentaries.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18 and 30                                                                                                                   |

|                                                                                                                                                                                                                                                                                                                                                                                                          | Limits of Age.                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURT OF CHANCERY, IRELAND ( <i>continued</i> ).                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                 |
| II. <i>Clerks in Crown and Hanaper Office</i> .—Hg., Oy., Ac. 3. Geog., E. Hy.                                                                                                                                                                                                                                                                                                                           | 16 and 30                                                                                                                                                                                       |
| III. <i>Clerks in the Registrar's Office</i> .—Hg., Oy., Ac. 3, Com., E. C. 1, E. Hy. from 1688.                                                                                                                                                                                                                                                                                                         | 16 and 30                                                                                                                                                                                       |
| CHANCERY, SCOTLAND (OFFICE OF DIRECTOR OF).                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                 |
| I. <i>First and Second Clerk</i> .—W. Dic., Ac. 2, Bk. 2, E. C. 1, Ln. translation, Scotch Law and Conveyancing, the power of reading and writing, the Engrossing Hand used in Chancery, and the Power of reading the older volumes of the Records.                                                                                                                                                      | 21 and 25<br>Assistant Clerks (permanent or temporary, are to be considered eligible whatever may be their ages, provided they were under 25 when first employed, and have served continuously. |
| II. <i>Permanent Assistant Clerks</i> .—Hg., Oy., Ac. 1, E. C. 1, Ln. (slight elementary knowledge), the power of reading and writing the Engrossing Hand used in Chancery, and the power of reading the older volumes of the Records.                                                                                                                                                                   | 18 and 30<br>Except in the case of those who have previously served as temporary clerks.                                                                                                        |
| CHARITY COMMISSION.                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                 |
| <i>Junior Clerks.—Obligatory Subjects</i> .—Hg., Oy., Ac. 3, E. C. 1, P. Wg., the Principles of Law and Equity, having relation especially to Charitable and Public Trusts, Procedure and Practice in Courts of Law and Equity, Elements of Conveyancing.<br><i>Optional Subjects</i> .—Geog., E. Hy., Ln.                                                                                               | 19 and 30                                                                                                                                                                                       |
| FACTORY INSPECTOR'S DEPARTMENT.                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                 |
| <i>Sub-Inspectors of Factories</i> .—Hg., Oy., Ac. 3, E. C. 1, P. Wg., Political Economy, Math., <i>i.e.</i> , Eud. (VI. Books), Algebra (to Binomial Theorem), Plane Trigonometry (to solution of triangles), Ln., Gk., F. G., I., any one of the six branches of Mechanical Philosophy, <i>i.e.</i> , Statics, Dynamics, Hydrostatics, Hydraulics, Pneumatics, and Heat regarded as a source of power. | 21 and 30                                                                                                                                                                                       |
| Candidates must pass to the satisfaction of the Civil Service Commissioners in all the first five subjects, and in three at least of the remaining subjects.                                                                                                                                                                                                                                             |                                                                                                                                                                                                 |

## FOREIGN OFFICE.

- I. *Clerks.—Obligatory.*—Oy., Hy., Ac. 3, E. C. 1, P. Wg., F. (translating from and into F., W. Dic., and Conversation), Ln., General Intelligence.
- Optional.*—G. (translation from and into, writing, speaking, and reading MS.), Geog., History of Europe from 1783 to 1847 inclusive. Constitutional History of England (Hallam and May), Geometry (Eud., Books I. to IV.), Ancient Gk., I., or Spanish.
- II. *Clerks in Chief Clerk's Department.*—Exercises designed to test Hg., Accuracy of Punctuation and Oy., Ac. 3 and the Principles of Exchange, Geog. (a general knowledge), Bk. 3 (an elementary knowledge), F. (translation).
- III. *Assistant Book-keepers in Chief Clerk's Department.*—W. Dic., Ac. 3, Ac. 1 (Purchase of Stock and Exchange), Bk. 1, E. C. 1, P. Wg., one dead or modern language.

## Limits of Age.

18 and 24

As regards those who have not a home in London or in the immediate vicinity the ages should be between 20 years complete and 24 years complete.

18 and 24

18 and 26

With an extension in favour of persons who have been previously employed as clerks in Chief Clerk's Department.

## DIPLOMATIC SERVICE.

- IV. *Attachés in the Diplomatic Service.*—Oy., Hg., P. Wg., Ln. Grammar (translating and parsing a portion of some good classical Latin author, and giving the derivation of words); the first four rules of Ac. 1 and Decimal Fractions, as given in Colenso's Arithmetic, Eud. (Book I.); Geog., F. Grammar and the power of conversing fluently in the F. language on ordinary topics, translation from F. into English and from English into F.; a general knowledge of the Constitutional History of England (to be acquired from Blackstone's "Commentaries" (Kerr's edition, 1862), and Hallam's "Constitutional History of England;"; a general knowledge of the Political History of Europe and of the United States of America, from the Treaty of Paris in 1815 to the Treaty of Villafranca in 1860, comprising an acquaintance with the most important international transactions during that period; a general knowledge of Political Economy; to be acquired from Adam Smith's "Wealth of Nations" and Mill's "Political Economy;"; General Intelligence, as evinced by the manner in which they acquit themselves under examination, and specifically by the quickness they may show in seizing the points in papers read by them or read over to them once or twice.

20 and 26

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limits of Age.                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;">DIPLOMATIC SERVICE (<i>continued</i>).</p> <p>V. <i>Third Secretaries</i>.—The nature and authority of international law. The sources from which it is derived, the leading authorities (British and Foreign) on the subject, and the manner of referring to and applying those authorities. The political constitution of the several States and Unions of States in Europe and America, so far as the constitution of each may affect its international relations. The status, duties, and privileges of public ministers and diplomatic agents. The general principles of the law of nationality and of domicile.</p> <p>VI. <i>Translators to Missions</i>.—Exercises in translations from and into that language or those languages upon which the Candidate is destined to be employed.</p> <p>VII. <i>Foreign Service Messengers</i>.—Ac. 1 (first 4 rules), either F., G., or I.</p> <p>III. <i>Clerk in Chancery of Legation, Tehran: Clerk to Legation, Tangier</i>.—Hg., Oy., Ac. 3, F.</p> <p>IX. <i>Consuls and Vice-Consuls</i>.—E. C. 1, W. Dic., F. (written and spoken). The language of the port at which the Candidate may be appointed to reside. British, Mercantile, and Commercial Law. Ac. 3.</p> <p>X. <i>Student Interpreter, in China, Japan, and Siam</i>.<br/> <i>Obligatory</i>.—Hg., Oy., Ac. 3, E. C. 1.<br/> <i>Optional</i>.—P. Wg., Geog., Eud. (Books I. to IV.), Ln., F., G. The elements of Civil and Criminal Law, the text books being Smith's "Mercantile Law," and Archbold's "Pleading and Evidence Criminal Cases."</p> | <p>25 and 55</p> <p>25 and 35<br/>Must be British subjects.</p> <p>18 and 40</p> <p>25 and 50</p> <p>18 and 24<br/>Must be British subjects.</p> |
| <p style="text-align: center;">HIGH COURT OF JUSTICE.</p> <p style="text-align: center;"><i>Chancery Division.</i></p> <p style="text-align: center;">(Scheme under consideration.)</p> <p style="text-align: center;"><i>Common Pleas Division.</i></p> <p><i>Clerks</i>.—Exercises designed to test Hg. and Oy., W. Dic. or transcribing written documents, Com., Ac. 2, E. Hy., Geog., Ln. or F., at option of Candidate.</p> <p style="text-align: center;"><i>Exchequer Division.</i></p> <p><i>Clerks</i>.—Same as Common Pleas Division.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>18 and 30</p> <p>18 and 30</p>                                                                                                                |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Limits of Age. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <p>HIGH COURT OF JUSTICE (<i>continued</i>).<br/> <i>Probate and Divorce and Admiralty Division.</i><br/>           PROBATE AND DIVORCE COURT.<br/> <i>Clerks.</i>—Exercises designed to test Hg. and Oy., Ac. 3, Indexing, Com., E. C. 1, Geog., E. Hy. (the leading points), translation from Ln. or a foreign language. 18 and 25<br/> <i>Copying Clerks.</i>—Hg. and Oy., German Text and Engrossing, Fac-simile Copying, Ac. 2, Com. 16 and 25<br/>           ADMIRALTY COURT.<br/>           I. <i>Clerks in Registrar's Office.</i>—Hg., Oy., Transcribing, Ac. 3, E. C. 1, P. Wg. One of the following subjects:—Ln. or a Modern Language; the leading points of English or Modern History; Geog., Algebra, Eud., or any branch of Mathematics or Science. 17 and 35<br/>           II. <i>Clerks in Marshal's Office.</i>—Hg., Oy., Transcribing, Arithmetic (the first four rules, Practice, and the Rule of Three), Grammatical Structure of sentences of a simple character. 17 and 30<br/> <i>Queen's Bench Division.</i><br/> <i>Clerks.</i>—Same as Common Pleas Division. 18 and 30</p> |                |
| <p>HOME OFFICE.<br/>           I. <i>Clerks.</i>—Scheme not yet arranged.<br/>           II. <i>Supplementary Clerks.</i>—Appointments made under Scheme for Class II. Clerks of the Lower Division have received appointments in this Department.<br/>           III. <i>Accountant.</i>—Scheme not yet arranged.<br/>           IV. <i>Secretary to the Lieutenant-Governor of Guernsey.</i>—Scheme not yet arranged.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |
| <p>INDIA AUDIT OFFICE.<br/> <i>Assistants.</i>—W. Dic., Ac. 3, Correspondence, P. Wg., Bk. 3. 16 and 28</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |
| <p>INDIAN CIVIL SERVICE.<br/>           E. C. 1, 300 mks.; E. Hy., including a period selected by the Candidate, 300 mks.; English Literature, including books selected by the Candidate, 300 mks.; Gk., 600 mks.; Ln., 800 mks.; F., 500 mks.; G., 500 mks.; I., 400 mks.; Mths., 1,000 mks.; Natural Science, that is, the Elements of any two of the 17 and 19</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limits of Age. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <p>INDIAN CIVIL SERVICE (<i>continued</i>).</p> <p>following Sciences, viz., Chemistry, 500 mks.; Electricity and Magnetism, 300 mks.; Experimental Laws of Heat and Light, 300 mks.; Mechanical Philosophy, with outlines of Astronomy, 300 mks.; —Logic, 300 mks.; Elements of Political Economy, 300 mks.; Sanskrit, 500 mks.; Arabic, 500 mks.</p> <p>Candidates are at liberty to name any or all of these branches of knowledge. No subjects are obligatory. Fee, 5<i>l</i>. Selected Candidates during their two years' probation in England undergo Periodical Examinations in Oriental Languages, Law, &amp;c.</p>                                                 | 17 to 19       |
| <p>INDIA FOREST DEPARTMENT.</p> <p>W. Dic., E. C. 1, Ac. 1, in all its branches, Algebra (up to and including the Binomial Theorem), Eud. (Books I.-IV. and VI.), and Plane Trigonometry, Freehand Drawing, Surveying, Land-measuring, Plan-drawing, and the use and adjustment of Instruments. A good colloquial knowledge of F. or G. to be tested partly by dictation, with the facility of translating from one of these languages. A preference will be given to those Candidates who, in addition to the above, show proficiency in translation into F. or G., and in the elements of Mechanics and Physics, Chemistry, Botany, Geology, and Mineralogy.</p>          | 17 and 22      |
| <p>INDIA OFFICE.</p> <p>I. <i>Clerks</i>.—(Scheme for Class I.)</p> <p>II. <i>Clerks of the Superior Class in the Accounts and Stores Branches</i>.—Hg., Oy., Ac. 3 (special importance will be attached to rapidity of working), E. C. 1, Bk. 1, the weights, measures, and currencies of the principal commercial nations of the world, Geog. (especially Asiatic), Ln. (translation from and into), Eud. (Books I.—VI.), Algebra (up to and including the Binomial Theorem), F. or G. (translation from and into and speaking). Fee, 3<i>l</i>.</p> <p>No Candidate will be eligible who does not satisfy the Civil Service Commissioners in the first six subjects.</p> | 18 and 22      |
| <p>TREASURY.</p> <p>I. <i>Establishment Clerks</i>.—(Scheme for Class I.)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |

|                                                                                                                                                                                                                                                                                                                                | Limits of Age. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| TREASURY ( <i>continued</i> ).                                                                                                                                                                                                                                                                                                 |                |
| II. <i>Clerks in the Solicitor's Office.</i> — <i>Obligatory</i> : Hg., Oy., Ac. 3, E. C. 1, Criminal Law and Proceedings before Justices of the Peace, Law of Evidence, Common Law Procedure and Practice, Elements of Conveyancing.                                                                                          | 20 and 30      |
| <i>Optional</i> .—Geog., E. Hy., Ln., F., or G., Bk. 1 (Mercantile), Equity and Practice of the Courts, Bankruptcy and Practice of the Courts. Fee, 2 <i>l</i> .                                                                                                                                                               |                |
| III. <i>Supplementary Clerks in the Solicitor's Office.</i> —Hg., Oy., Ac. 3, E. C. 1. (Candidates failing in any of these subjects will not be eligible.)                                                                                                                                                                     |                |
| Candidates will be required to show what preliminary training or technical education they have undergone to qualify themselves for a situation of this nature. No Candidate will be eligible who is not serving or has not within two years been serving as a clerk (not articled) in a solicitor's office. Fee, 10 <i>s</i> . |                |

## WAR OFFICE.

Clerkships in the War Office are similar to Class I.

Examinations for all offices in London take place in London; for Scotland, in Edinburgh; for Ireland, in Dublin.

The principal public offices to which this system applies are —

## ENGLAND.

Foreign Office.  
 Post Office (except Clerks in Secretary's department).  
 British Museum.  
 Copyhold and Inclosure Commission.  
 Public Works Loan Commission.  
 Friendly Societies Registration.  
 Parliament Office (House of Lords and House of Commons).

## SCOTLAND.

Exchequer.  
 Fishery Board.  
 General Register Office.  
 Lunacy Commission.  
 Poor Law Commission.

## IRELAND.

Poor Law Commission.  
 Boundary Survey.  
 Charitable Donations and Bequests.

## MILITARY ENTRANCE EXAMINATIONS.

For admission to Royal Military College, Sandhurst, see page 212.

For admission to Royal Military Academy, Woolwich, see page 222.

For the new regulations as to Infantry Examinations for Officers of the Militia, see page 218.

For Examination for Royal Marines, see page 258.

For the new regulations as to Examinations for Naval Cadets, see page 250.

# THE NORTH-WESTERN COLLEGE,

## GREVILLE ROAD, LONDON, N.W.

**Pupils Prepared for the Public Schools and Universities, for the Preliminary Examinations of the Professions, and for Commercial and other Pursuits.**

Greville Road is on the North-West side of St. John's Wood, leading out of Carlton Hill and Clifton Hill, is at the end of Hamilton Terrace and Maida Vale, and within Three Minutes' Walk of Kilburn Station (L. and N. W. R.). The School is therefore in a very central position, boys attending it at the present time from the Avenue, Brondesbury, from Cricklewood, and from Primrose Hill, as well as from the more immediate neighbourhood.

### PRINCIPALS:

J. R. WADDELOW, B.A., OXON (formerly Head Master of the Newington Grammar School).

MR. W. WADDELOW

Together with a well-qualified Staff of Resident Assistant Masters and Visiting Professors.

The School has been established for eighteen years, has met with much success in the Examinations to which the boys have been sent, and has always been attended by Pupils of good social position. Among them may be mentioned,—

|                                         |                |
|-----------------------------------------|----------------|
| His Highness the PRINCE OF KAGA, Japan, | } Late Pupils. |
| PRINCE TOSHIAITO MIRDA,                 |                |
| NOBORDI DIWA, Japanese Commissioner,    |                |

**SUBJECTS**—Thorough English, including all the usual branches; Latin, Greek, French, German; Arithmetic, Mensuration, Algebra, Euclid, Trigonometry, Elementary Science, etc.

### FEES.

|                   |        |                   |                       |       |                  |
|-------------------|--------|-------------------|-----------------------|-------|------------------|
| Boarders, over 14 | ... 25 | Guineas per Term. | Daily Pupils, over 14 | ... 8 | Guineas per Term |
| „ under 14        | ... 20 | „ „               | „ from 10 to 14       | 6     | „ „              |
|                   |        |                   | „ under 10            | 4     | „ „              |

Daily Boarders, 3 Guineas per Term, in addition to the above.

Weekly Boarders by arrangement.

Indian and other Pupils remaining throughout the year, 100 Guineas per annum.

Foreign Pupils Studying the English Language, and Adult Boarders requiring Special Tuition, £8 to £16 per month.

### EXTRAS.

|                                  |   |                   |                    |                    |
|----------------------------------|---|-------------------|--------------------|--------------------|
| Music ... ..                     | 2 | Guineas per Term. | Drilling ... ..    | 10s. 6d. per Term. |
| Dancing ... ..                   | 2 | „ „               | Swimming Baths ... | 7s. 6d. „          |
| Drawing and Water-colours ... .. | 1 | „ „               | Laundress ... ..   | 1 Guinea „         |
|                                  |   |                   | Pew Rent ... ..    | 7s. 6d. „          |

Hebrew, Spanish, Italian, etc., according to agreement. Books, Stationery and Drawing Materials which can be supplied, if desired, for 15s. the Term Juniors; 20s. Seniors.

**ALL PUPILS ARE EXPECTED TO JOIN THE DRILLING CLASS.**

**HOURS (DAILY PUPILS):**—9.30 to 12.30 and 2 to 4.30. Half-holiday on Wednesdays and Saturdays. The Scholastic Year is divided into Three Terms, beginning about the 21st January, the 1st May, and the Second Week in September.

New Pupils are admitted during Term, and Fees charged from the Date of Entrance. A Term's Notice is required before the removal of a Pupil.

A statement is required from the Parents of every Boy, on his return after the Holidays or other lengthened absence, to the effect that there has been no infectious illness in the house, and printed forms are sent for that purpose. A similar statement is required on the admission of new boys.

Boarders to be provided with Six Towels, Four Dinner Napkins, Fork and Spoon.

It is particularly requested that each boy's name be marked in full upon his wearing apparel.

## PART V.

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OUR 33 GREAT PUBLIC SCHOOLS.

OUR THEOLOGICAL COLLEGES.

OUR MEDICAL SCHOOLS AT OUR HOSPITALS

OUR LEGAL EXAMINATIONS AND INNS OF  
COURT.



# CONNAUGHT HOUSE,

## THE COMMON, WOOLWICH.

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MR. S. H. WINTER,

*(Author of "Geometrical Drawing" and "Mathematical Exercises" for Army Candidates),*

Assisted by competent and experienced Teachers, prepares Gentlemen for Military, Civil Service, and other Examinations. Mr. WINTER has successfully prepared more than two hundred candidates for Woolwich and Sandhurst. In July 1882 one of his pupils stood second; in July 1883 two stood tenth and twelfth, in the Woolwich lists, all at their first trial, and being the only pupils sent up by him.

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**CHARGES** (payable in advance) 50 Guineas a Term, or  
16 Guineas a month.

Each pupil has a separate bedroom.

Pupils are received at any time, irrespective of terms, and charged for the exact period that they are in residence.

These charges cover Board, Residence, and Instruction in all subjects required at the Examinations except those named under extras.

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### EXTRAS.

Printed books and Stationery.

Laundress, Four or Six Guineas a Year, according to the age of the Pupil.

Any Modern Language except French, Oriental Languages, Natural and Experimental Sciences.

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### TERMS.

The Year is divided into Three Terms, each of about 13 weeks' duration.

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Each pupil is expected to bring Serviettes, Towels, and Sheets sufficient for his use, and to have his Linen distinctly marked.

Mr. WINTER will be happy to give References to the Friends of Pupils when required.

## PART V.

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## NOTE.

IN this newly classified section, referring to the Public Schools, many important leading Colleges and Schools in the United Kingdom have become, by their work and the number of the scholars, entitled to take rank with our more ancient institutions, hitherto known as the "nine great Public Schools," and these are now introduced into Part V. under the designation of "Our Chief Public Schools." For convenience of reference they are classified in alphabetical order, instead of being placed, as in previous editions, in accordance with the dates of their respective foundations. In making this selection the Compiler had three important points to consider: 1stly, a certain permanence (*i.e.*, such an endowment as might reasonably ensure the perpetuity of a school apart from its temporary success under a popular master); 2ndly, as regards the number of pupils, which would be an important element in entitling a school to a place among our "leading Institutions"; and 3rdly, that the course of instruction should be in strict accordance with a "first grade" education. Great difficulty is necessarily experienced in "drawing a hard and fast line" in this section of the work, as doubtless several important Schools now omitted might be included herein; but, after consulting some of the highest authorities on the subject, to whose judgment and candour the Compiler feels deeply indebted, he has finally decided upon including only the twenty-four additional Schools now appearing; nevertheless, the list is still open to revision in future editions, and he will at all times be pleased to know and consider the views of those interested in the subject.

F. S. D. de C. B.

# OUR GREAT PUBLIC SCHOOLS.

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## BEDFORD GRAMMAR SCHOOL,

ST. PAUL'S SQUARE, BEDFORD.

This School is one of the sixteen Grammar Schools licensed by letters patent of King Edward VI. in 1552. It was endowed by Sir William Harpur in 1566. The endowment meets about one half of the real cost of the education, the other part being defrayed by the fees. Under the new scheme approved by the Endowed School Commissioners, the old restrictions on the enjoyment of the privileges of the endowment have been removed, and no previous residence is required. The School has lately been reconstituted under a new Governing Body, and there are at present about 450 boys in attendance. Participates in an endowment of over 15,000*l.* per annum, to the extent of 4,800*l.* There is (1) a Classical department, in which boys are regularly prepared for the Universities, and specially for the Indian Civil Service; (2) a Civil and Military department, in which no Greek is taught, the extra time being given to Mathematics and Modern Languages. On this side boys are specially prepared for Woolwich and Sandhurst, under Mr. W. Seys Phillips, who is experienced in preparing for these examinations. Boys are admitted at or above 8 years of age, and it is recommended that they should enter as early as possible. Boys are only admitted at the beginning of term.

1. A form of application for admission (including a certificate of vaccination) should be returned to the Head Master, filled up and signed.

2. A certificate of character is also required on a form which can be obtained from the Head Master, and should be returned to him direct by the boy's late tutor, duly filled up.

Entrance Examinations are held on the first day of each term, at 10 a.m., in the Boarders' Hall of the Grammar School.

Boys above 10 will be expected to show sufficient proficiency to enter a form, the average age of which is not much above their own age.

Proficiency in Mathematics, Modern Languages, Science, or English will compensate for deficiency in Classics. The Examination is not in any sense competitive, and allowance may be made for any special circumstances.

Day-boys pay from 9*l.* (under 13) to 12*l.* (over 13) per annum for education, and there is an entrance fee of 2*l.*

The boarding-house Masters are—

H. M. Dymock, M.A., Oaklands, Kimbolton Road, Bedford.

Rev. S. B. Phillpotts, M.A., Merton House, Bedford.

W. Seys Phillips, M.A., Westfield House, The Oval, Bedford.

W. H. Kelaart, B.A., Spring Grove, Bedford.

A. F. Laloe, B.A., Lansdowne House, The Oval, Bedford.

The terms for boarders are 72*l.* per annum under 13, above that age 75 guineas; these terms include all tuition and School fees and the cricket subscription. Entrance fee, 2*l.* Boarders are eligible to all Prizes or Exhibitions.

The Head Master's official hours are Tuesdays and Thursdays, from 12.15 to 1, during term time.

Examinations are held annually by the Oxford and Cambridge Schools Examination Board, and the subjects taught in the School are English, Latin, Greek, Mathematics, Natural Science, French, German, History, Geography, Political Economy, Drawing, and Music. The usual arrangements are made for religious instruction. In all the Junior department special attention is paid to English, French, Latin, Grammar, and Arithmetic. There are two preparatory forms for very young boys, under the charge of Masters specially trained. Modern Languages receive particular attention, especially in the case of that large class of boys who are not intended for the Universities. Attention is paid to English Literature in the School. Good spelling is rigorously exacted. There is a School Library for the upper boys.

There are two well-fitted Laboratories, one in which regular instruction is given in Chemistry, the lectures being fully illustrated with experiments; the other in which regular instruction is given in Physics.

Unless parents express a wish to the contrary, all boys in the sixth form and in the upper division of the next form are entered as candidates for the certificates given by the Oxford and Cambridge Public Schools Examining Board.

Arrangements are made for practical instruction in carpentering, for those who desire it, and there is a practical engineering class, in which boys can get instruction out of school hours in the use of the lathe and the forge. Any boy can learn Drawing without extra charge.

**ENTRANCE EXHIBITIONS.**—There are a number of Exhibitions, not exceeding 4 under 14, and not exceeding 4 over 14, open to competition each year in March, giving remission from all tuition fees, under certain conditions, during the holder's stay in the School. The full number will not be given unless candidates of sufficient merit are forthcoming. Candidates can compete in one or more of the main branches of study. Boys are eligible whether already in the School or not.

**LEAVING EXHIBITIONS.**—There are eight in all, *i.e.*, two annually, of the value of 70*l.* and 60*l.* per annum respectively, for four years, tenable at any University or any such other place of liberal or professional education approved by the Governors. All boys are eligible who have been at the School for the two years preceding the election.

Numerous prizes are given by Earl Cowper, K.G., and others.

**HOLIDAYS.**—The year is divided into three equal terms of 12 or 13 weeks. The Christmas holidays (4½ weeks) commence as near Christmas day as possible, Easter holidays (2 weeks) about the middle of April, and Summer (7½ weeks) about the end of July.

The Council consists of 27 Governors, with S. Whitbread, Esq., M.P., as Chairman.

**Head Master.**—J. Surtees Phillpotts, M.A., B.C.L., formerly Assistant Master at Rugby School, and Fellow of New College, Oxford.



*Assistant Masters.**Classical:—*

H. M. Dymock, M.A.  
 Rev. S. Buller Phillpotts, M.A.  
 F. S. Arnold, M.A.  
 W. H. Kelaart, B.A.  
 S. L. Rogers, M.A.  
 G. W. Doughton, M.A.  
 H. P. Palmer, B.A.  
 T. P. Gordon Robinson, M.A.  
 Rev. F. W. Mozley, M.A.  
 E. H. Dasent, B.A.

*Mathematical:—*

W. Seys Phillips, M.A.  
 H. Williams, B.A.  
 E. J. Vie, B.A.  
 Hugh Wood, B.A.

*Modern Languages:—*

H. Steinmetz, Ph.D.  
 X. Schoedelin.  
 A. F. Laloe, B.-ès-L.  
 G. Glunicke.

*Natural Science:—*A. Talbot; A. F. Laloe, B.A.

*Superintendent of Civil and Military Department.*—W. Seys Phillips M.A.

*Preparatory Forms.*—C. T. Sutton, B.A.; J. H. Hall.

*Drawing.*—A. Denyer, Master of Bedford School of Art.

*Music.*—P. H. Diemer, R.A.M.

*Instructor in Gymnastics and Drill.*—J. H. Campbell.

*Clerk to the Governors.*—A. H. Allen, Harpur Trust Office, Bedford.

## CITY OF LONDON SCHOOL,

### VICTORIA EMBANKMENT, E.C.

This School was established by the Corporation of London, under the authority of an Act of Parliament, in the year 1834. It is endowed with an annual sum, derived from certain estates left in 1442 by John Carpenter, and is under the government of the Corporation and a Committee chosen by them. The foundation stone of the new buildings was laid in 1880 on a new site given by the Corporation, on the Thames Embankment, whither it was removed from Milk Street at the beginning of this year 1883, having been opened by H.R.H. the Prince of Wales on the 12th Dec., 1882. The object of the School is to furnish a liberal and useful education for the sons of respectable persons who are engaged in Professional, Commercial, or Trading pursuits, without the necessity of removing them from the care and control of their parents. Boys are admissible at any age between 7 and 15 years, and may remain until 19. The mode of admission is by an application according to a form obtained of the Secretary, which is required to be signed by the parent or guardian, and also by some member of the Corporation, either Alderman or Common Councilman. Members are not limited as to the number of recommendations they may sign. The qualifications for admission are a knowledge of Arithmetic, as well as Reading and Writing. No boys can begin Latin till they have mastered Arithmetic up to Simple Proportion, and acquired a fair knowledge of English Grammar and Composition, with the outlines of Geography, and of French Grammar to the verbs "avoir" and "être." For entrance

into the fifth and sixth classes a considerable proficiency in Mathematics is required, besides a knowledge of Latin and Greek. A general Examination, which is conducted by gentlemen from the Universities of Oxford and Cambridge, and others experienced in tuition who are appointed for the purpose by the Committee. The Scholarships are filled up as vacancies occur. 8 Carpenter Scholarships (in memory of John Carpenter, the founder of the school), tenable at the school. Candidates must be between 11 and 16 years of age, and have been at least 3 years in the school. The advantages are gratuitous education, and books to a value not exceeding 2*l.* per annum; 25*l.* per annum towards maintenance, etc.; and 50*l.* on leaving the school, provided the scholar continues therein 3 years after election, and obtains a certificate of merit and good conduct during that period from the Head Master. There are about 16 other Scholarships, tenable at the Universities, and varying from 20*l.* to 100*l.* in value, and numerous prizes are given annually. The course of instruction includes the English, Latin, Greek, Sanskrit, French, and German Languages; Mathematics, Arithmetic, Drawing, the elements of Chemistry and Natural Philosophy, Elocution, and Vocal Music. Fees, 12*l.* 12*s.* for pupils under twelve years of age; 15*l.* 15*s.* for pupils over twelve years of age. Vacations, about 9 weeks.

*Head Master.*

Rev. Edwin Abbott Abbott, D.D., late Fellow of St. John's College, Cambridge.

*Second Master.*

Dr. Francis Cuthbertson, late Fellow of Corpus Christi College, Cambridge.

*Assistant Masters.*

Rev. Joseph Harris, M.A.

\*Mr. William George Rushbrooke, LL.M.

Rev. Thomas Ward Chambers, M.A.

\*Mr. John Thomas Ablett.

Mr. Thomas Todd.

Mr. George Edward Dodson.

Mr. James Pirie, M.A.

Mr. Robert Fletcher Charles, M.A.

Rev. William Wooding, B.A.

Mr. Frederick William Payne, B.A.

\*Rev. Thomas Mitcheson, B.A.

Mr. Edward Thomas Davies, M.A.

Mr. Archibald Grant Munro, B.A.

Rev. Hugo Lee Harding, B.A.

Mr. Alexander Watt, M.A.

Mr. Thomas Handel Bertenshaw, B.A.

Mr. Thomas Read, B.A.

*Composition Master.*—Mr. James Mason Mulgan, B.A.

*Teacher of Sanskrit.*—Mr. William George Rushbrooke, LL.M.

*Writing Master.*—Mr. John Emery.

*Assistant Writing Masters.*—Mr. Arthur William Prior and Mr. James William Jeffray.

*French Master.*—M. Léonce Stiévenard.

*Assistant French Masters.*—M. Jules Achille Leriche, B.-ès-L., B.Sc., and M. Louis Leroux.

*German Master.*—Mr. Leopold Goldschild.

*Assistant German Masters.*—Dr. Carl A. Reinecke and Mr. William Finckh.

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\* The Assistant Masters marked thus \* receive a few boarders into their houses. Terms on application.

*Teacher of Elocution.*—Mr. John Millard.

*Drawing Master.*—Mr. John Robert Dicksee.

*Assistant Drawing Masters.*—Mr. Robert Edward Forster and Mr. Herbert Thomas Dicksee.

*Singing Master.*—Mr. F. Everard W. Hulton, Mus. Bac., Oxon.

*Lecturer on Chemistry and Experimental Physics.*—Mr. Henry Durham, F.C.S.

*\*Assistant Lecturer on Chemistry, etc.*—Mr. Isaac S. Scarf, F.C.S.

*Principal Instructor in Drilling and Gymnastics.*—Mr. William McWhirter.

*Assistant Instructor in Drilling and Gymnastics.*—Mr. James Frew.

## CHARTERHOUSE SCHOOL,

GODALMING, SURREY.

MOTTO : "*Deo dante dedi.*"

This celebrated School was founded by Thomas Sutton in 1611, and prior to 1872 was conducted in buildings situated in Aldersgate Street, City; it was erected on the foundation of the Chartreux monastery (Charter House Square), by Thomas Sutton in the reign of James the First, anno domini 1611, and a well-endowed Hospital was founded in connexion with it, for 80 old men. The entire endowment was shared between the School and the Hospital, and the whole was under the control of a body of governors and trustees. Great changes, however, have been effected in the constitution of the School by the Special Commissioners appointed for the purposes of "The Public Schools Act in 1868," and the Governing Body now consists of—The Archbishop of Canterbury for the time being as an ex-officio member, and of the following elected members, namely—One member to be elected by the Hebdomadal Council of the University of Oxford; one member by the Council of the Senate of the University of Cambridge; one member by the Senate of the University of London; one member by the President and Council of the Royal Society; one member by the Lord Chancellor for the time being; one member by the Lord Chief Justice of England for the time being; one member by the Head Master, the Second Master, and the Assistant Masters of the School for the time being; three members by the Governors of Sutton's Hospital in Charterhouse for the time being; four members in the first instance by the Governors of Sutton's Hospital in Charterhouse.

By the new statutes "the Governors" shall mean "the Governors of Sutton's Hospital in Charterhouse;" "The Governing Body" shall mean "The new Governing Body of Charterhouse School;" "The School Fund" shall mean "The annual Moneys paid by the Governors to the Governing Body;" "The Tuition Fund" shall mean the moneys payable and received for tuition of the boys in the School; and "School Exhibitioners" shall mean "the holders of Exhibitions tenable at the School.

The number of boys in the School may not exceed 500. There are

upwards of 487 pupils now in attendance, who are instructed in Classics, Mathematics, Arithmetic, Natural Science, English History, Geography, French, and German. The religious instruction is that recognised by the Church of England, but a boy may, on conscientious grounds, claim exemption from this.

The Scholars of Charterhouse are the Foundation Scholars, the day boys and boarders, the boarders forming the chief element in the School; and they are lodged and boarded in the School buildings or in the Masters' houses. All the Foundation Scholarships are assigned by competitive examination, none are given by nomination. There are 30 Junior Scholarships, of the value of 65*l.* per annum each, open to Foundation Scholars; these Scholarships are tenable only during good behaviour.

The conditions of admission and continuance in the School of boys not on the Foundation are as follows:—No boy is admitted before the completion of the 11th year, or after the completion of the 15th year of age, unless there be special reason, approved by the Head Master, for departure from these limits. It is required for admission that a boy shall be able to take a position in the School corresponding to his age. Testimony of good moral character is required. Boys may remain in the School till 16, 17, 18, or 19 years of age, according to progress and character. Application for admission is to be made to the Head Master.

With regard to Scholarships and Exhibitions, there are not less than 60 Scholarships tenable at the School. Of these 30 are Junior Scholarships, and are open to all boys between 12 and 14 years of age, whether in the School or not. The Examination is in Latin, French, English, and Arithmetic. These Scholarships are of the annual value of 65*l.*, and are tenable till the end of the 16th year, or till election to a Senior Scholarship. Senior Scholarships are open to all boys between 14 and 16 years of age, who shall have been at least one year in the School. These Scholarships are of the annual value of 85*l.* The Examinations for these Scholarships take place in the latter half of July in each year. There will be 10 Exhibitions of the annual value of 20*l.*, open to all boys in the School under 14 years of age. These will be tenable till 16, and may be held conjointly with Junior, but not with Senior Scholarships. There are annually 5 Exhibitions for boys leaving School. These are of the value of 80*l.* per annum, and may be held for four years, at one of the Universities or elsewhere, in preparation for any profession or occupation, subject to the approval of the Governing Body. These are thrown open to the whole School. A large number of boys go up for Woolwich, Sandhurst, and the Line examinations, direct from this School.

#### FEES AND PAYMENTS.

|             |     |     |     |                                                                                   |
|-------------|-----|-----|-----|-----------------------------------------------------------------------------------|
| For Tuition | ... | ... | ... | 30 <i>l.</i> per annum.                                                           |
| For Board   | ... | ... | ... | { 70 <i>l.</i> ,,   in the first three houses<br>80 <i>l.</i> ,,   in the others. |

The holidays are, six weeks at the end of July, five weeks at Christmas, and four weeks in April or May in each year.

The Governors are the Archbishop of Canterbury, Archbishop of York, Duke of Buccleuch and Queensberry, Lord Chelmsford, and twelve others.

*Head Master.*—Rev. W. Haig Brown, LL.D.

*Assistant Masters.*

Rev. T. G. Vyvyan, M.A.  
 Rev. H. J. Evans, M.A.  
 F. W. K. Girdlestone, M.A.  
 S. W. Lock, M.A.  
 Rev. C. H. Weekes, M.A.  
 Rev. S. D. Titmas.  
 J. Noon, M.A.  
 J. E. Bode, M.A.  
 Rev. C. S. Davies, M.A.  
 T. E. Page, M.A.  
 A. Biard, M.A.  
 L. Marshall, M.A.  
 Rev. W. Romanis, M.A.  
 W. S. Gibson, M.A.  
 J. E. Judson, B.A.

W. Moss, M.A.  
 J. W. Marshall, M.A.  
 C. C. Tancock, M.A.  
 J. H. Merryweather, M.A.  
 Rev. F. S. Ramsbotham, M.A.  
 Rev. G. C. Carter, M.A.  
 J. W. Sharpe, M.A.  
 W. H. W. Poole, M.A.  
 C. H. Parry, M.A.  
 A. H. Tod, B.A.  
 J. J. Robinson, M.A.  
 G. Petilleau.  
 L. M. Stewart (*Writing & Arith.*).  
 S. Robertson (*Drawing*).  
 G. H. Robinson (*Music*).

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## CHELTENHAM COLLEGE.

This well-known and excellent College was founded by a Proprietary in 1840, and consisted of 650 shares, which entitle the possessors to nominate one pupil for each share, but no pupil can be admitted without the sanction of the Council; and it was established in order to provide a classical, mathematical, and general education of the highest order on moderate terms, in strict conformity with the principles and doctrines of the United Church of England and Ireland—religious instruction forming a regular part of the teaching of each class. Full preparation is afforded to Candidates for admission at Sandhurst, or for direct commissions, and pupils have been very successful at these various Examinations, and without having had to resort to the assistance of a “crammer.” This is the “Modern Department,” viz., a Military and Civil Department, which was organised under the superintendence of the Rev. T. A. Southwood in 1843, who resigned the Head-mastership in 1879. He originally wished it to be a purely Military School. The School is divided into three Departments, the “Junior,” the “Classical,” and the “Military and Civil;” and the system at Cheltenham is this: There is first of all a “lower school,” for junior boys—comprising, perhaps, about 150 pupils; above this there are two Departments of about 300 boys each. One of these is the “Classical,” the other the “Modern” Department above alluded to. In the Classical Department, the staple of instruction is language in one form or another, with a larger admixture of other subjects than is common at most of our public schools. In the Modern Department the staple is mathematics, while the languages, and drawing of all kinds, fortification and surveying, occupy an important but a secondary position. The boys begin with the ordinary elements of English work, with Latin, French, and Mathematics, but with no Greek, which is not introduced into the regular system. As the pupils work up, and arrive at the three or four head classes of the School, they frequently drop Latin and



take up German or Hindustani; they also enter upon Physical Science (Chemistry, Geology, Electricity, Heat, and Magnetism), increasing their mathematical knowledge and the study of English scientifically, with a great deal of English literature and English history. A real education is imparted, so that but little special preparation is required for passing the necessary examination for Woolwich; indeed, it is simply moving into the senior form of the School, and no special preparation at all is necessary with regard to entering Sandhurst, unless a boy is exceptionally backward. Pupils for the Indian Civil Service are prepared in the Classical side; boarders and day boys are received. The expense of a boy's education at Cheltenham is as follows:—The minimum charge for education in the several departments (including subscriptions to sanatorium, gymnasium, playground, and library, and seat in chapel) is as follows: in the Junior Department, for boys under thirteen, 19*l.* 1*s.*, and for boys above thirteen, 23*l.* 2*s.*; in the Classical Department, 23*l.* 2*s.*; and in the Military and Civil Department (including Drawing), 27*l.* 6*s.* per annum. Extra charges are—in the Classical Department, 5*l.* for special preparation for India Civil Service; and 4*l.* 4*s.* each for Drawing and Physical Science. In the Military and Civil Department, for Physical Science, 4*l.* 4*s.*; and in the Junior Department, for Drawing, 4*l.* 4*s.* The College has now a Swimming Bath of its own, the use of which is confined to the boys, the masters, and old collegians. The subscriptions for boarders is 12*s.* a term. Day boys, masters, and old collegians are admitted by ticket. The College has also erected Workshops, the use of which is optional, the charge being 1*l.* a term. No other extras, except for books, instruments, and stationery. The tuition fee (including gymnasium, playground, and library subscriptions), and that for a seat in chapel, must be paid terminally in advance. The instruction is on Church of England principles. Pupils are also prepared for the University, as well as for Civil, Military, and Indian Competitive Examinations. There are about 650 boys, of whom 450 are boarders, paying 50*l.* to 60*l.* per ann. for board, the tuition fees being 18*l.* to 28*l.* per ann. more. Scholars are admitted upon the nomination of a proprietor, or of the Council; if of the latter, they pay 6*l.* per ann. extra. The scholars vary in age from 8 years old upwards. There is an election to 12 Scholarships yearly. There is one Exhibition of 35*l.* per ann., tenable 3 years, at Trinity College, Oxford, and 4 Junior Scholarships of 25*l.* per ann. each, tenable at Cheltenham College for three years, and 2 Senior Scholarships of 70*l.* each, tenable during residence, besides being entitled to compete for certain Gloucestershire Scholarships at Pembroke College, Oxford. There are also various prizes. Vacations. 14 weeks.

The following Boarding Houses are now open for the reception of pupils, under the sanction of the Council, viz. :—

- J. Brook-Smith, M.A., Boyne House, College Road.
- Rev. J. Mugliston, M.A., Newick House, Bath Road.
- W. R. Porcher, M.A., Leconfield, College Road.
- The Rev. T. Wolesey, Lewis, M.A., Garth Common.
- Rev. T. C. Fry, M.A., Christowe House, Sandford Road.
- Rev. J. H. Churchill Baxter, M.A., Cheltondale, College Road.
- Rev. P. Hattersley Smith, M.A., Hazelwell, College Road.
- E. A. Bennett, M.A., Beaufort House, Montpellier Terrace.

The Boarding House for boys of the Junior Department, and entering

the College under the age of 13, Rev. T. M. Middlemore-Whithard, M.A., Teighmore, Sandford Road.

The charge for boarding (exclusive of the College fees) is in the large houses 57*l.* per annum ; and in the junior house, 54*l.* for boys over ten years of age, and 51*l.* for boys under that age, including everything except medical attendance, tradesmen's bills, and money advanced by order of parents.

The undermentioned Masters of the College are empowered to receive a small number of boarders, viz. :—

Rev. P. J. F. Gantillon, M.A., 5, Fauconberg Terrace.

R. Prowde Smith, M.A., North Devon Lodge.

C. Tillard, B.A., Northwick Villa.

A. S. Davis, M.A., 12, Suffolk Square.

G. G. Pruen, M.A., Park House, Thirlestaine Road.

W. Griffin, M.A., Thirlestaine Villa.

N.B.—Two calendar months' notice of the intended removal of a pupil must be given, *in writing*, to the Secretary, such notice to expire at the end of a term. His Royal Highness the Duke of Cambridge distributed the prizes in 1883, and made special allusions to the excellent working of this School ; in default of which, a payment of one-sixth of the annual charges must be made.

#### STAFF OF OFFICERS.

*Visitor*.—The Right Rev. the Lord Bishop of Gloucester and Bristol.  
The Council comprises the President, the Right Hon. the Earl of Redesdale, and 24 members.

*Registrar*.—The Rev. Canon Trye.

*Secretary*.—W. L. Bain, Esq.

*Principal*.—The Rev. Herbert Kynaston, B.D., late Fellow of S. John's College, Cambridge, and late Assistant Master at Eton.

*Head Master of Military and Civil Department*.—E. A. A. Spencer, M.A., Trinity College, Cambridge, late Mathematical Master at Wellington College.

*Head Master of Junior Department*.—Rev. T. M. Middlemore-Whithard, M.A., Trinity College, Cambridge.

#### CLASSICAL DEPARTMENT.

*First Assistant Master*.—Rev. James A. Owen, M.A., late Fellow and Classical Lecturer of University College, Oxford.

#### Masters.

C. W. Bell, M.A.

Francis J. Cade, M.A.

J. M. Dyer, M.A.

Rev. T. C. Fry, M.A.

Rev. P. J. F. Gantillon, M.A.

Rev. J. Mugliston, M.A.

W. J. Newcombe, M.A.

G. G. Pruen, M.A.

I. C. Salter, B.A.

Charles Tillard, B.A.

*Mathematics and Chemistry*.—A. S. Davis, M.A.

*Mathematics and Physical Science*.—J. M. Dyer, M.A.

*Mathematics and Natural Science*.—W. Larden, B.A.

*French*.—M. d'Autier de la Rochebriant, B.A. (Paris).

*German*.—Franz Droege, Esq., Ph.D. (Berlin).

## MILITARY AND CIVIL DEPARTMENT.

*Masters.*

*Vice-Master.*—Rev. H. E. Bayly, M.A., Corpus Christi College, Oxford.

J. Brook Smith, M.A., LL.B.

Rev. J. H. Churchill Baxter, M.A.

E. A. Bennett, M.A.

C. Newton, M.A.

W. R. Porcher, M.A.

Rev. Percy Hattersley Smith, M.A.

R. Prowde Smith, M.A.

H. G. Bennett, B.A.

Theodore Falle, B.A.

C. G. Newton, B.A.

G. Linton Thorp, B.A.

*First German Master.*—P. Dusar.

*Second German Master.*—Rev. R. C. S. Whitling, M.A.

*French.*—A. Huet, and C. H. Jeaffreson, M.A.

*Experimental and Natural Sciences.*—Julius Maier, Ph.D. (Gottingen).

*Assistant Plain Drawing Master and Surveyor.*—J. Alexander Potterfield.

## JUNIOR DEPARTMENT.

*Second Master.*—Rev. T. Wolseley Lewis, M.A., late Scholar of Jesus College, Oxford, and late Powis Scholar.

*Masters.*—W. Griffin, M.A.; W. Martin Burn, B.A.; Rev. W. D. Challice, B.A.

*Instructor in Gymnastics.*—Capt. Hodgson, late 44th Regiment.

*Drawing Master.*—A. N. Brooke.

*Assistant Drawing Master.*—Archer Bowler.

*Organist.*—A. E. Dyer, Mus. Doc., Oxon.

## CHRIST'S HOSPITAL,

## NEWGATE STREET.

*Sometimes called the Blue Coat School.*

This grand institution was founded by Edward VI., 1552. It was in 1545 that, upon the recommendation of Sir Richard Gresham, Mayor, Henry VIII. granted the ground and buildings of the monastery of the Grey Friars with the hospital of S. Bartholomew, and in Edward VI.'s reign 3 hospitals were established by the Charter, 1 being Christ's Hospital, for the educating and apprenticing of children; about 340 children were then in attendance, the dress at that time being of russet cotton. The school possesses little or no income under the Charter. The endowments are now in great demand chiefly from legacies and donations given at different periods of the school's history. The yearly income is supposed to be larger than that of any other Foundation School in England, and it is estimated to exceed at the present time 70,000*l*. The Governing Body consists of a long and influential list of persons, in whom election to the Foundation is vested. There is a branch establishment at Hertford, which is the preparatory school, and all boys are sent there at first, and are transferred according to their progress to the London establishment. They have to pass an entrance Examination. A thorough Classical and Mathematical education is given. A Mathematical education to fit boys for entering the Navy and Mercantile Marine, to those on the Mathematical Foundations. A Commercial

education for boys who show no aptness for Classical study, or who are not likely to enter senior classes of "Grecian" and "Deputy Grecians," or to compete for the annual University Scholarships. The pupils are lodged in the dormitories, and take their meals in hall, and are not permitted to leave the school except on "leave days," without special permission of the Masters or Warden. The Exhibitions to the Universities are provided out of the Hospital's Exhibition Funds. With regard to the existing regulations relative to the presentation and admission of children into this Hospital, the principal requirements are briefly that children must be presented when between 8 and 10 years of age, and must be free from active disease, as well as from any physical defect which would render them unable to take care of themselves; that their parents (if one or both be living) have not adequate means of educating and maintaining them, and that the children have not such means of their own. A written statement—showing the amount, or average amount, of the parental income, with particulars of its source or sources, the total number of children in the family, and of these how many are still young and dependent, and any other relevant circumstances—is in each case required to be made in the petition on the form of "Presentation," for the consideration of the Court or Committee of Governors, who have the power to reject any case which they may not deem a proper one for admission to the charitable advantages of the institution. The form of presentation is to be obtained from the individual Governor presenting, and the child's name in full is to be inscribed therein in the handwriting of such Governor, with a statement of his conscientious belief that the child so presented is a proper object for admission into this Hospital. Certificates of the parents' marriage, and of the child's birth and baptism, must in all cases be produced before the child's admission, and be permanently deposited at the Hospital, with the presentation. When a child is brought to the counting-house with a view to admission, after the completion and deposit there of the presentation and all other necessary documents, the personal attendance of the parent (if living) is required, to answer any further inquiries the Court or Committee may think proper to make as to the pecuniary or other circumstances of the case. All children are required, as a preliminary to admission, to pass an Examination as to their attainments; such Examination being graduated according to age. Admissions of children take place at meetings of the Governors held in February, March, April, May, June, September, October, and November (no admissions in January, July, August, or December). A general list, containing the names of all the Governors, but not indicating their turns for presentations, is published at the Hospital's counting-house, at a charge of 2s. 6d., and can be procured at any time. A list of the Governors in turn to bestow presentations is likewise published there, usually about the middle of March in each year.

*Head Master.*—Rev. Richard Lee, M.A.

*Assistant Classical Masters.*

Rev. E. B. Penny, M.A.  
 P. D. Eyre, M.A.  
 Rev. J. F. Cornish, M.A.  
 Rev. W. H. Branfoot, M.A.  
 John Wingfield, M.A.

Rev. D. F. Heywood, M.A.  
 M. Laing, M.A.  
 A. S. Woodward, M.A.  
 Rev. H. C. C. Macleod, B.A.

*Head Mathematical Master.*—J. Barnard, M.A.

*Assistant Mathematical Masters.*—Rev. R. A. Meaden, M.A.; C. N. Muston, M.A.

*Head French Master.*—Rev. Dr. Brette.

*Assistant French Masters.*—M. Sency; M. Janau, B.A.

*German.*—Dr. Wehe.

*Drawing.*—H. Watts Mason.

*English and Commercial.*—Henry Sharpe; M. Mackie; and six Assistants.

*Warden.*—Col. F. Sedley.

*Clerk.*—M. S. S. Dipnall.

*Resident Medical Officer.*—Dr. Aldis Smith.

*Steward.*—A. W. Lockhart.

#### HERTFORD BRANCH.

*Head Master.*—Rev. J. T. Bell, M.A.

*Head Mistress of the Girls' School.*—Miss King.

*Steward.*—J. F. B. Sharpe.

### CLIFTON COLLEGE, BRISTOL.

This School was originally a Proprietary College, and was founded in the year 1862, and incorporated by Royal Charter in 1877. By this Charter some important changes in its constitution have taken place. Formerly the shareholders of the Company had the right to alter the position and powers of the Head Master, and change the School arrangements, to divide the income in dividends, and even to dissolve the Company, put an end to the College, and sell the buildings. But the Charter fixes all important matters without any power to alter them, and preserves all the funds for College purposes. Under the Charter the College is a Public School, open to all boys without distinction, instead of being, as formerly, restricted to a class. The religious teaching is to continue to be in accordance with the Church of England, but a conscience clause is now added. The members of the College under the Charter are the life governors, who elect the governing body (the Council) to manage the affairs of the College. The present life governors are the late shareholders in the Company. Pupils are prepared for the Home, Indian, Civil, or Military Service; also preparation for the Universities of about 600 pupils who have been nominated for admission by life governors or the Council, are at present receiving instruction. The tuition fees are 25*l.* per annum, and the boarding fees from 60*l.* to 72*l.* per annum. The instruction in the Junior School comprises an elementary knowledge of Latin, Greek, English, and Arithmetic, and the College is divided into three other departments, viz., the Classical, the Modern, and the Military and Engineering. The Classical side has special reference to preparation for the Universities. In the Modern Department the instruction consists of Mathematics, Physical Science, Latin, Modern Languages, and English in all its branches. The Military and Engineering Department is devoted specially to preparing boys for the Royal Military Academy, Woolwich; for Sandhurst, the Indian Civil Engineering College, the profession of Civil Engineering, or for direct commissions in the Army.

Practical instruction is given in Chemistry and Physics. The teaching



of Physical Science occupies a prominent place in the curriculum of studies. There are two laboratories, and a botanical garden and a workshop, and the subjects of Chemistry, Experimental Physics, Natural History, Botany, Zoology, and Physical Geography are taught, under the superintendence of four Masters. There are several Scholarships, varying from 25*l.* to 90*l.* a-year, tenable in the School, and there are also Exhibitions tenable at the Universities. There is an Engineer Cadet Corps composed of members of the College.

There is a Preparatory School, the object of which is to give a thorough and suitable grounding to little boys before proceeding to the Junior School. For this purpose, the numbers are limited to about fifty boys. The School is kept entirely distinct from the College, both as regards teaching premises and arrangements for play ; but at certain hours the boys have the separate use of the College gymnasium and baths, with due supervision and instruction. Boys are admissible at the age of seven years, and may remain till eleven, if the Head Master approves.

About thirteen weeks' vacation in the year, the holidays commencing in July being the longest.

Boarders are taken by the Head Master, the Rev. T. E. Brown, Mr. Oakeley, the Rev. H. J. Wiseman, the Rev. H. C. Watson, and Mr. Bartholomew. Boys in the Junior School are boarded with the Rev. B. Hartnell, Rev. P. A. Phelps, and in the Preparatory School with Mr. Locke. These are moved into the other houses as they become old enough. The Head Master can arrange for the boarding of a limited number of delicate boys, or of applicants for whom there is no vacancy, in a large house, with Mr. Grenfell or Mr. Tait. He also undertakes to make arrangements for the boarding of boys during the vacations, should the parents express a wish in writing to that effect. About 650 pupils are at present in this School.

#### STAFF OF MASTERS.

*Head Master.*—Rev. J. M. Wilson, M.A., F.R.A.S., F.G.S.

#### ASSISTANT MASTERS.

H. G. Dakyns, M.A.  
E. M. Oakeley, B.A.  
The Rev. H. J. Wiseman, M.A.  
F. M. Bartholomew, M.A.  
W. O. Moberly, M.A.  
Rev. F. Dyson, M.A.  
F. H. Colson, B.A.  
E. N. P. Moor, M.A.  
W. Fairbanks, M.A.  
Sidney T. Irwin, M.A.  
W. W. Asquith, M.A.  
E. H. C. Smith, M.A.  
C. Vaughan, B.A.  
J. C. Tarber, M.A.  
The Rev. T. E. Brown, M.A.  
J. G. Grenfell, B.A.  
G. T. Atkinson, B.A.  
C. W. A. Tait, M.A.  
F. D. Davies, M.A.  
H. S. Hall, B.A.

F. H. Stevens, B.A.  
The Rev. H. C. Watson, M.A.  
E. Miller, B.A.  
W. A. Tilden, D. Sc.  
J. G. Macgregor, M.A.  
J. G. Grenfell, B.A.  
G. T. Atkinson, B.A.  
G. H. Wollaston, M.A.  
H. B. Jupp, M.A.  
J. E. Pearson, M.A.  
J. E. J. Steggall, B.A.  
C. Sheldon, M.A.  
E. D'Aragnon, B.A., D.Sc.  
Eugene Pellissier, M.A., LL.B., B.Sc.  
R. T. Carter, M.A.  
H. J. V. de Candole, M.A., Ph.D.  
B. Heymann.  
E. C. Plant.  
W. A. Shenstone, F.C.S.  
A. M. Worthington, M.A.

*Junior School.*

The Rev. B. Hartnell, M.A.  
 The Rev. P. A. Phelps, M.A.  
 E. D. Mansfield, M.A.  
 R. J. Mackenzie, B.A.

W. H. S. Laxton, B.A.  
 H. P. Luckman.  
 The Rev. R. Marks.  
 A. T. Martin, M.A.

*Preparatory School.*

C. L. Calliphronas, M.A. | John Russell, M.A. | C. L. C. Locke, M.A.

*Organist and Choir Master.*—W. F. Trimnell.

*Gymnastics.*—Captain E. M. Manning.

*School Marshal.*—G. Wilson.

*Secretary.*—W. D. L. Macpherson.

## DULWICH COLLEGE,

DULWICH, S.E.

DULWICH COLLEGE was founded in 1619, by Edward Alleyn, under letters patent of King James I., by which licence was granted Alleyn to establish a college "to endure and remain for ever," and to be called "Alleyn's College of God's Gift at Dulwich." The Manor of Dulwich—which constitutes the most important part of the endowment of the college—was purchased by Alleyn in 1606, from Sir Francis Calton, to whose ancestor, Thomas Calton, it had been granted by Henry VIII., on the dissolution of the Monastery of Bermondsey. The college was re-constituted by Act of Parliament in 1858. Dulwich College is a day-school on the system of the other principal London schools; but boys attending the college, otherwise than as day-boys from their own homes, are allowed to board in one or other of the authorised boarding-houses attached to the college. In the summer term of 1883 there were 500 day-boys and 46 boarders in attendance.

The ordinary subjects of instruction are—Divinity, the English, Latin, and Greek languages and literatures, arithmetic and mathematics, history and geography, natural science, French and German, drawing, vocal music, drill.

Application for the admission of any boy must be made to the Master of the College by the parent or next friend, on a form provided for that purpose, and no boy is admitted under the age of ten years. Candidates for admission are required to pass an entrance examination, which is graduated according to the age of the boy, but never falls below the following standard; that is to say, Reading, writing from dictation, sums in the first four simple rules of arithmetic, with the multiplication table, outlines of the geography and history of England, the translation and parsing of simple Latin sentences.

One term's notice of the intended withdrawal of a boy is required to be given to the Master of the College.

**THE COLLEGE FEES.**—All boys, including boarders, pay an entrance fee of 1*l.*, and tuition fee of 21*l.* per annum. These fees are due in advance, and are paid to the College Bankers in accordance with printed instructions forwarded at the beginning of each term to all parents by the Clerk to the College Governors.

**THE BOARDING HOUSES.**—All boys attending the College must reside

with their parents, guardians, or near relations, within degrees to be determined by the College Governors, or in some Boarding House conducted under regulations made by the College Governors. No boy not so residing will be admitted to the College without the special permission of the College Governors. The Boarding Houses, as at present authorised, are those of the Rev. G. Voigt, M.A., Sydenham House, Dulwich; E. M. Everett, Esq., M.A., the Blew House, Dulwich Common; Mrs. Dryland, Elm Lawn, Dulwich Common; Miss Field, Plasgwyn, Dulwich. The charges for boarding (excluding the College fees stated above) vary from fifty to sixty guineas a year.

The amount of about 1,000*l.* is devoted annually by the College Governors to maintaining Scholarships tenable by boys while at the College. Ten such Scholarships, of the value of 20*l.* per annum, will be offered for competition in the present year. These Scholarships are tenable for three years, and the holders will be re-eligible at the end of that period.

The amount of about 1,000*l.* is devoted annually by the College Governors to maintaining Exhibitions of an annual value of not more than 75*l.* each, tenable for not more than four years, at the Universities of Oxford or Cambridge, or any other place of higher education or professional training approved by the College Governors, and to be awarded to boys who are being, and have for not less than three years been, educated at Dulwich College.

**HOURS OF ATTENDANCE.**—The hours of attendance are—Wednesday and Saturday, morning, 9—1; other days, morning, 9—12.30; afternoon, 2—4.

The vacations are approximately six and a half weeks in summer (in the months of August and September); four and a half weeks at Christmas; twelve days in the month of April.

Divine service is held in the College Chapel on Sundays at 11 a.m. and 7 p.m., and all boys have a right to seats.

**DINNER IN HALL.**—A dinner is provided daily in the great hall for boys who like to come, whether day-boys or boarders. Dinner tickets (either single or for the whole term) may be obtained at the College kitchens, at the following charges:—Terminal tickets, four days in the week, 2*l.* 8*s.*; extra for Wednesdays or Saturdays, 12*s.*; single ticket, 1*s.* The Governors of this College have, on the recommendation of the Head Master of Alleyn's School, decided to take temporary premises for the admission of 130 boys, in addition to those already attending the school. There are upwards of 170 names of candidates now on the books. This concession on the part of the Governors will, no doubt, be a great boon to the inhabitants of the neighbourhood, many of whom have for years been applicants for the admission of their sons. A scholarship is to be founded for Dulwich College boys for ever, to be called "Canon Carver's Scholarship." During the quarter of a century that Dr. Carver was the Head Master he had succeeded in creating, from one school of twelve boys, a first grade school of 600 boys, and also a second grade school of 252 boys.

*Master of the College.*—J. E. C. Welldon, M.A., Fellow of King's College, Cambridge.

*Chaplain of the College.*—The Ven. S. Cheetham, D.D., Archdeacon of Rochester, formerly Fellow of Christ's College, Cambridge.

*Under Master.*—Rev. J. M. Marshall, M.A., late Fellow of Brasenose College, Oxford.

*Mathematical Master.*—J. B. Parish, M.A., late Scholar of Trinity College, Cambridge.

*Form Masters.*

Rev. G. Voigt, M.A., Cambridge.  
 E. M. Everett, M.A., Cambridge.  
 F. W. Hawes, M.A., Oxford.  
 W. M. Acworth, M.A., Oxford.  
 Rev. H. R. Verry, M.A., Cambridge.  
 J. Robinson, M.A., Cambridge.  
 T. G. Threadgold, M.A., Cambridge.  
 W. McLeish, B.A., London.  
 T. M. Roberts, M.A., Cambridge.

Rev. E. H. S. Escott, M.A., Oxford.  
 G. B. Doughty, B.A., Dublin.  
 R. E. Montague, B.A., Dublin.  
 Rev. G. C. Allen, B.A., Cambridge.  
 C. H. Weller, B.A., Dublin.  
 F. W. Mellor.  
 F. G. Knott, B.A., Cambridge.  
 C. Bryans, B.A., Cambridge.  
 H. R. de L. Lacy, B.A., Oxford.

*Masters in Modern Languages.*—Th. Wehe, Ph.D.; J. Boiellé, B. ès L.; W. Hanby Crump.

*Natural Science Masters.*—Alfred Tribe, F.C.S. (Chemistry); W. B. Kemshead, Ph.D. (Physics); H. G. Seeley, F.R.S. (Geology and Physiology); J. Robinson, M.A. (Physical Geography).

*Drawing Masters.*—H. J. Dennis (Principal); L. C. Nightingale and F. W. Mellor (Assistants).

*Organist of the College and Singing Master.*—J. Brabham.

*School Secretary.*—E. M. Everett, M.A.

## DURHAM SCHOOL, DURHAM.

This Grammar School was founded by King Henry VIII. in 1541. There is an endowment of 820*l.* per annum, with 2 houses, and a scheme was sanctioned by H.M. in council for the sum of 3,000*l.* per annum, to be appropriated to the expenses of the School out of the capitular funds transferred to the Ecclesiastical Commissioners in 1868. The education given in the School is the usual Classical education of Public Schools, and is designed to prepare for the University and similar Examinations. Greek is not taught in the two lowest forms. Boys, who are promoted from these forms may either continue the Classical course, or join the Modern side of the School. The education on the Modern side of the School is intended to prepare for the Civil and Military Services, and for Professional and Commercial Life; it comprises Mathematics, Latin, French, German, English History and Geography, English Literature, Chemistry, and Physical Science, but no Greek. Boys are especially prepared for the Woolwich and Sandhurst Examinations. No boy can enter the School before he is 10 years old, nor after he is 15, except for special reasons to be approved by the Head Master. No boy can enter after he is 14, unless his knowledge of Latin is above that of the lowest form. Greek is not in any case required for the Entrance Examination; but a knowledge of the main parts of Latin Accidence is required. A certificate of good character from the last School or Tutor will be required before admission. The School has the privilege of attending the Cathedral Services on Sunday; it has also the use of the Galilee Chapel

of the Cathedral for a School Sermon on Sunday afternoon. A Chemical Laboratory, Museum, and Science Rooms, are in the course of preparation, and will be ready for use shortly. A large room, devoted to Drawing and Music, is attached to the School. There is also a Carpenter's Shop, where boys may gain a practical acquaintance with tools in carpentry and the use of the lathe. The river flows immediately below the School buildings and grounds; and there is excellent boating. No boy is allowed to join the boat club till he has passed the swimming test. There is a large and well-furnished School Library, to which all the boys of the School have admission under varying conditions. For cases of infectious or other sickness there is an excellent hospital entirely detached from the School, with Matron always resident. The year is divided into three terms. The Christmas holidays are five weeks, the Easter holidays are three weeks, and the summer holidays are seven weeks.

**FEES.**—Board and washing, 5*l*. guineas a year. Tuition: for clergy-men's sons, 16 guineas a year; for day-boys (who are laymen's sons), 20 guineas; for boarders (who are laymen's sons), 22 guineas; entrance fee, 2 guineas. The fees are paid terminally, in the proportion of  $\frac{2}{3}$ ths each for the lent and summer terms, and  $\frac{1}{3}$ ths for the autumn term. Drawing and Music and Carpentering are optional, and are charged as extras. Boarders are received in either the Head Master's or the Second Master's house. The charges in both are the same. Boys are admitted as day-boys, whose parents or near relatives are living in Durham or the immediate neighbourhood. A term's notice is expected previous to the removal of a boy; otherwise payment for half the term will be required.

**SCHOLARSHIPS AND EXHIBITIONS.**—There are 18 King's Scholarships, of the annual value of 39*l*. 9*s*., tenable at the School for four years, to which period a fifth year is, if required, added by the Dean. The Dean and Chapter fill up the vacancies every year, on the first Saturday after the 20th of November, by examination; and any one under 15 years of age, whether previously at the School or not, is admissible as a candidate, provided always that his parents are not in wealthy circumstances. The following Scholarships and Exhibitions are attached to the School, at the Universities:—Six Exhibitions of 60*l*. a year each, two vacant every year, tenable for three years at Oxford, Cambridge, or Durham, open to candidates who have been at Durham School for at least three years. Three Exhibitions (one usually vacant every year) of 30*l*. a year each, at St. John's College, Cambridge. Two Scholarships of 15*l*. a year each, founded by Dr. Hartwell, Canon of Durham, and tenable at any College or Hall at Oxford or Cambridge for four years. One Scholarship at Emanuel College, Cambridge, of 16*l*. a year, for which a preference is given to Durham and Newcastle Schools. One Scholarship of 30*l*. a year at the University of Durham. One Scholarship of 15*l*. a year at the University of Durham. One Exhibition of 40*l*. a year, founded by Ralph Lindsay, Esq. (formerly a King's Scholar at Durham School), and tenable at the University of Durham, by natives of the diocese, who have been educated at the School for three years. The Patynson Scholarship at Christ's College, Cambridge (value about 20*l*. a year), was founded by Dr. Patynson, with a preference to natives of Northumberland, or in default of such, to Natives of the Diocese of Durham; in default of such again, it is open to all. The nomination to it is to be vested in the Dean and Chapter of Durham, who are not obliged, however, to nominate a boy from their own School.



*Governors.*—The Dean and Chapter.

*Head Master.*—Rev. W. A. Fearon, M.A., late Fellow and Tutor of New College, Oxford.

*Second Master.*—Rev. S. B. Guest-Williams, M.A., late Scholar of Exeter College, Oxford.

*Assistant Masters.*

M. W. Whitfield, M.A.

R. H. J. Poole, B.A.

Rev. W. Moxon Wadsworth, M.A.

Rev. W. Swallow, M.A.

O. T. Perkins, B.A.

F. A. Ker, B.A.

*Foreign Language Master.*—W. Clarke Robinson, B.Sc., Ph.D.

*Drawing Master.*—F. Thompson.

## ETON.

MOTTO:—"Floreat Etona."

This celebrated School and College, the richest and most influential in England, is situate in the County of Bucks. It is only separated from Windsor in Berkshire by the river Thames. It was founded in 1441, by Henry VI., whose exemplary piety and devotion to learning earned for him the repute of being more fitted for the Cloister than the Court: for the erection of the necessary buildings, he provided funds from his own purse, and he framed a charter of foundation, and endowed it; and in order that the College should not lack Scholars, and as an inducement to others to join it, he caused 35 of the Winchester boys to be transferred to Eton, the School bearing the name of "The King's College of the Blessed Mary of Eton." It consists of a Provost, 7 Fellows, 70 Scholars called King's Scholars, 2 Chaplains, 10 Lay Clerks, 12 Choristers, a Head Master, a Lower Master, and several Assistant Masters. The buildings comprise two quadrangles; in the first is a central statue of Henry VI. in bronze. The square is surrounded by the chapel, schools, and dormitories. The other quadrangle comprises the cloisters and library. The Chapel is situate on the south side of the quadrangle. The date it was built is uncertain, but the College buildings were erected about the year 1440.

It affords education in Classics and Mathematics, and in French, German, Italian, Drawing, &c. The 70 Foundation Scholars, or King's Scholars as they are named—only about 11 vacancies for those occur yearly, and for these, two hundred of the cleverest boys from our Private Schools annually compete. The school expenses of a "King's Scholar" are nominal (an "Oppidan's" amount to about 150*l.* per annum), and they are admitted after competitive examination, between 12 and 15 years old. The other Scholars, numbering about 880, and called Oppidans, are admitted from 10 to 14 years of age into the Upper School, upon application to the College Tutor. The annual expenses of an Oppidan frequently exceed 200*l.* Lodging at a Dame's house is about 16*l.* a year cheaper than at a Tutor's. The King's Scholars are exclusively eligible to Scholarships at King's College, Cambridge, but there are 16 other Scholarships, the total value being about 800*l.* per ann. The Newcastle Scholarships, founded in 1829, is considered the

blue ribbon of Eton, and King's Scholars now prefer entering into the general University Competition for open Scholarships to Balliol and other Colleges, to competing for King's. Eton has 40 benefices in gift, varying from 100*l.* to 1,200*l.* The Examinations are conducted by the Head Master. There are two classes of Scholars at Eton, one termed the "Collegers" or boys on the Foundation; the other class are termed "Oppidans." Foundation boys are lodged and boarded in the College, and the "Oppidans" reside and board in the Masters' houses. The fagging system is still continued here, but in a very modified form.

The following amended statutes for Eton College, as proposed by the Governing Body of the School, have been adopted in 1883:—Statute 21, Section 2.—The election of Scholars to the foundation shall be held every year at such time in July as the Governing Body shall from time to time determine. Statute 23, Section 2.—No boy shall be a candidate for such Scholarship after election 1884 who on the day of election has not reached his 12th or has passed his 14th birthday. Statute 24.—After election 1884 a Scholarship on the foundation shall be tenable only until the end of the school time in which the scholar shall have completed his 19th year, except for special reasons to be sanctioned by the head master and by him forthwith reported to the Governing Body."

There are now 964 students at the College, including in the sixth form, 20; fifth form, 524; remove, 211; fourth form, 106; and third form, 3. The list includes a prince, a duke, 21 lords, three counts, five baronets, and 42 honourables.

The Rev. C. O. Goodford, D.D., is the Provost, and the Rev. John Dupius, M.A., Vice-Provost; there are 15 Fellows, 2 Conducts, a Musical Instructor, a Steward of the Courts, an Auditor, and 50 Assistant Masters.

The New Governing Body of Eton College are Rev. C. O. Goodford, D.D. (*Chairman*); the Provost of King's College, Cambridge; the Very Rev. R. Scott, D.D., Dean of Rochester; the Rev. E. W. Blore, M.A.; T. H. Huxley, LL.D., F.R.S., Esq.; George K. Rickards, Esq., M.A.; John Hilbert, Esq., M.A.; Right Hon. Spencer H. Walpole, LL.D., Q.C., M.P.; the Rev. W. A. Carter, M.A.; the Earl of Morley, B.A.; Marquis of Lansdowne.

#### MASTERS OF THE SCHOOL.

*Head Master*.—Rev. James John Hornby, D.D., D.C.L.

*Lower Master*.—Rev. J. L. Joynes, M.A.

#### *Assistant Masters.*

Rev. C. C. James, M.A.  
Rev. E. D. Stone, M.A.  
Rev. F. St. John Thackeray, M.A.  
Rev. E. Warre, M.A.  
F. W. Cornish, M.A.  
E. C. A. Leigh, M.A.  
A. C. Ainger, M.A.  
Rev. E. Hale, M.A.  
E. P. Rouse, M.A.  
Rev. T. Dalton, M.A.  
H. W. Mozley, M.A.  
A. C. James, M.A.

H. E. Luxmoore, M.A.  
G. E. Marindin, M.A.  
R. A. H. Mitchell, M.A.  
J. P. Carter, M.A.  
A. Cockshott, M.A.  
H. S. Madan, M.A., F.C.S.  
W. Durnford, M.A.  
P. Williams, M.A.  
Rev. Henry Daman, M.A.  
C. H. Everard, M.A.  
Rev. J. B. Lock, M.A.  
J. Cole, M.A.

*Assistant Masters*—continued.

|                            |                          |
|----------------------------|--------------------------|
| Rev. D. C. Tovey, M.A.     | H. Broadbent, M.A.       |
| Rev. J. H. Merriott, M.A.  | E. L. Vaughan, M.A.      |
| E. S. Shuckburgh, M.A.     | J. D. Bouchier, M.A.     |
| F. H. Rawlins, M.A.        | P. H. Carpenter, M.A.    |
| H. S. Salt, B.A.           | S. A. Donaldson, M.A.    |
| Rev. R. C. Radcliffe, M.A. | S. R. James, M.A.        |
| F. Drew, F.G.S.            | Hon. Ed. Littleton, M.A. |
| H. G. Wintle, M.A.         |                          |

*French Masters.*

|            |                 |             |
|------------|-----------------|-------------|
| H. Tarver. | F. Tarver, M.A. | M. Roublot. |
|------------|-----------------|-------------|

*German and Hebrew Master.*—Mr. Griebel.

*Italian Master.*—Signor F. de Asarta.

*Drawing.*—Samuel Evans.

*Percentor and Musical Instructor.*—J. Barnby.

*Conducts.*—Rev. Clement Cotterill Scholefield, M.A. ; Rev. Frank Bullock-Webster, M.A.

*Steward of the Courts.*—Rt. Hon. Sir Arthur Hobhouse, Q.C., K.C.S.

*Auditor.*—Chaloner W. Chute, M.A.

*Registrar.*—Frederick Charsley.

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## HAILEYBURY COLLEGE,

### HAILEYBURY, HERTS.

This excellent School was founded in 1862, and incorporated by Royal Charter in 1864. It occupies the site of the old East India College. The number of boys in this School is about 400. It has been established for the education of the sons of the clergy and laity. The religious training is in accordance with the doctrines and formularies of the Church of England. The education is that of our best Public Schools, in Classics, Mathematics, and Modern Languages.

The School is divided into Upper, Middle, and Lower School ; and also into Classical and Modern side. On the Classical side is given the usual education of a Public School, which looks chiefly to the requirements of the Universities and of the learned professions. The Modern side, which is limited in number to 100 boys, is designed specially to prepare boys for the public services (civil or military), or for civil engineering, but those who have no such objects in view are also admitted.

In either case there is an entrance examination, in which boys must reach a certain standard according to age. The subjects of this examination are, dictation, Latin and Greek grammar and construing, arithmetic, and French. On the modern side no Greek is required, but a thorough grounding in all the other subjects is expected.

Pupils are boarded and lodged in the College buildings and an adjoining house, called Hailey House. Pupils are admitted to the School from 12 to 14 years of age. No pupil can remain in the Lower School after 16, in the Middle School after 17, or in the Upper School after 18 years of age, except by the special leave of the Master. Upper Sixth Form boys

can remain up to the age of 19. Every boy on the Modern side is charged 2*l.* 2*s.* per term extra, to cover the greater expense of education. Pupils *not* nominated are required to pay : sons of laymen, 75 guineas per annum ; sons of clergymen, 65 guineas per annum. Pupils, if nominated by life donors or donors, are required to pay : sons of laymen, 65 guineas per annum ; sons of clergymen, 55 guineas per annum. An entrance fee of 5 guineas is required from each pupil, on his admission, and there are extras for Music and Drawing. The average of the payments for a full year is 90*l.* There are five Exhibitions of 60*l.*, 50*l.*, 50*l.*, 40*l.*, and 20*l.* respectively, tenable for three years at Oxford or Cambridge, and in some cases elsewhere, open yearly for competition to members of the School who are under 19 years of age. One, or at the most two, may be given for proficiency in other than Classical subjects.

Five Senior Scholarships, three of 40*l.*, two of 30*l.*, for boys between 15 and 16, and four entrance Scholarships of 30*l.* for three years, for boys under 13, are open yearly for competition.

There are holidays three times a year : at Christmas, five weeks ; at Easter, three weeks ; and in the summer, seven weeks. A boarding house has been added to the College, under the superintendence of the Rev. H. Couchman, M.A. Terms for the sons of clergymen are 95 guineas per annum ; for the sons of laymen, 105 guineas per annum. In this house all the boys have studies, in the College only the Upper Forms have them.

*Visitor*.—His Grace the Archbishop of Canterbury.

*President of the Council*.—The Right Rev. the Lord Bishop of St. Albans, and 20 members of the Council.

*Secretary*.—Rev. Lewis Deedes, M.A., Bramfield Rectory, Hertford, to whom all applications for admission should be made in the first instance.

*Treasurer*.—J. W. Chesshyre, Esq.

*Medical Attendants*.—George Elin, M.D., Hertford ; C. E. Shelly, M.D., Hertford.

*Head Master*.—The Rev. E. H. Bradby, M.A., Hon. Canon of St. Albans.

#### *Assistant Masters.*

\*Rev. A. De Morgan Hensley, M.A.

\*Rev. H. Walford, M.A.

\*Rev. H. Couchman, M.A.

\*E. P. Ash, M.A.

\*Rev. F. Brisbane Butler, M.A.

\*Rev. F. J. Hall, M.A.

\*R. W. Bowyer, M.A.

\*A. Vivian Jones, M.A.

\*A. D. Carlisle, M.A.

\*Rev. G. E. Jeans, M.A.

\*Rev. W. D. Fenning, M.A.

\*W. R. Burgess, M.A.

W. E. Russell, M.A.

M. Vaughan, M.A.

J. D. Whyte, M.A.

C. Hawkins, M.A.

Rev. L. S. Milford, M.A.

M. W. Mitchell, M.A.

A. F. Hoare, B.A.

Rev. J. Ll. Dove, B.A.

F. W. Headley, M.A.

Rev. H. C. Wright, M.A.

F. M. Wright, B.A.

*English Master*.—Mr. A. C. Clark.

*Music Masters*.—Herr A. H. Scheibe and Mr. M. Heywood.

*Drawing Master*.—Mr. E. S. Burchett.

*Gymnastic Instructor, etc.*—Sergeant W. Bryant.

## HARROW.

MOTTO: "*Stet Fortuna Domus.*"

HARROW-ON-THE-HILL GRAMMAR SCHOOL, NOW KNOWN AS HARROW SCHOOL.—This now celebrated School is distant about ten miles from London, and its situation is an excellent one, commanding a view of Windsor Castle and the Oxfordshire hills. It is stated that in clear weather no less than thirteen counties can be seen from the top of the church tower. The founder of Harrow was a yeoman called John Lyon, born at Harrow, in the hamlet of Preston. He took the deepest interest in education, and even when his resources were small he set aside a yearly sum to be expended in educating the children of the poorer classes. In the fourteenth year of Elizabeth's reign, A.D. 1571, a charter was granted to "the Keepers and Governors of the School called the Free Grammar School of John Lyon, in the village of Harrow-upon-the-Hill, in the countie of Middlesex." The endowment is now about 1,100*l.* per ann., besides nearly 10,000*l.* invested in consols for the purposes of Scholarships, Exhibitions, Prizes, &c. It affords instruction to about 500 boys, between 12 and 20 years of age of whom about 50 are home boarders, paying 45*l.*, and the remainder boarders in a Master's house, at rates varying from 113*l.* to 180*l.*, including schooling, besides 16*l.* entrance fees, &c. There is a separate day school called an English Form, which is attended by sons of Harrow tradesmen, paying 5*l.* per ann., for Commercial course, including French. The Head Master enjoys, practically, the entire control of, and grants admission to, the School. His maximum income is 4,000*l.* per ann. There are 2 Scholarships of 50*l.* for 4 years, 2 of 30*l.* for three years at Oxford, 1 of 60*l.* for 3 years, 1 of 70*l.* for 3 years, and 1 of 100*l.* tenable 4 years; besides 5 Gold Medals, worth 10 guineas each, and numerous valuable Prizes in books. All but the first 200 boys in the School are liable to be fagged, excepting those who have fagged for three years. Half-holidays thrice a week. Vacations, 14 weeks. The Head Master's house is a commanding and substantial edifice, with accommodation for 64 boarders. The houses of the other masters who receive boarders are situate in the village, in the vicinity of the School. No boy can be admitted to the School until he has passed an entrance examination. Every boy at the School has a private tutor. The number of pupils at present exceeds 500, and under the government of the present Head Master no diminution in numbers can be anticipated, for this distinguished Public School retains its former power and prestige in the fullest vigour.

## OFFICERS.

*Visitors.*

|                               |  |                       |
|-------------------------------|--|-----------------------|
| The Archbishop of Canterbury. | \| | The Bishop of London. |
|-------------------------------|--|-----------------------|

*Governors.*

|                            |  |                                   |
|----------------------------|--|-----------------------------------|
| The Duke of Abercorn, K.G. | \| | The Right Hon. Montague Bernard,  |
| The Earl of Verulam.       |  | D.C.L.                            |
| Earl Spencer, K.G. | \| | C. S. Roundell, Esq.              |
| Lord Northwick.            |  | The Rev. Professor Westcott, D.D. |
| W. H. Stone, Esq. | \| | Professor Tyndall, F.R.S., LL.D.  |

F. Vaughan Hawkins, Esq.



## MASTERS OF THE SCHOOL.

*Head Master.*—The Rev. H. Montagu Butler, D.D.

## ASSISTANT MASTERS.

*In Classics.*

Rev. F. Rendall, M.A.  
 C. F. Holmes, M.A.  
 W. J. Bull, M.A.  
 A. G. Watson, D.C.L.  
 Rev. J. Smith, M.A.  
 H. E. Hutton, M.A.  
 E. E. Bowen, M.A.  
 R. Bosworth Smith, M.A.  
 Rev. J. A. Cruikshank, M.A.  
 J. Stogdon, M.A.

G. H. Hallam, M.A.  
 Rev. J. Robertson, M.A.  
 Rev. E. Gilliat, M.A.  
 C. Colbeck, M.A.  
 H. G. Hart, M.A.  
 Rev. T. Field, M.A.  
 M. G. Glazebrook, M.A.  
 H. O. D. Davidson, M.A.  
 E. W. Howson, M.A.

*In Mathematics.*

R. B. Hayward, M.A., F.R.S.  
 Rev. W. D. Bushell, M.A.  
 A. C. Tosswill, M.A.

F. E. Marshall, M.A., F.R.S.  
 J. W. Welsford, B.A.

*Natural Science.*

G. Griffith, M.A.

S. Lupton, M.A.

*In Modern Languages.*

Mons. G. Ruault.

Mons. G. Masson.

## ON THE MODERN SIDE.

E. E. Bowen, M.A.  
 C. Colbeck, M.A.

W. G. Guilleamard, M.A.  
 H. O. D. Davidson, M.A.

## EXTRA MASTERS.

*Drawing Master.*—L. J. Wells.

*Organist and Music Master.*—J. Farmer.

*Fencing Masters.*—Messrs. Angelo.

*Superintendent of the Gymnasium.*—Capt. Tudor Risk.

## HIGHGATE SCHOOL,

## HIGHGATE, N.

This excellent and select Public School was founded by Sir Roger Cholmeley, Lord Chief Justice, in 1565, under Letters Patent of Queen Elizabeth. The endowment is 1,000*l.* per annum. The School Buildings, comprising large hall and separate class-rooms for the different classes, were rebuilt in 1864; the Chapel (originally founded by Archbishop Grindley in 1567) is a beautiful building, and was rebuilt in 1866; the new Head Master's Boarding House was completed and opened in 1880, and is one of the most perfectly adapted houses in the country. There is a splendid cricket field, equal to that at Eton, and a spacious gymnasium. About 250 boys are admitted, of whom 100 are boarders, and the system

of education is as follows :—The School is divided into three branches, the Classical, the Modern, and the Junior.

1. The Classical branch prepares directly for the Universities, the Indian Civil Service, Woolwich, and the other high competitive Examinations. Subjects of study: Greek, Latin, Mathematics, Arithmetic, Divinity, French, German, English History and Literature, Physical Science, Drawing.

2. The Modern branch prepares for Mercantile life, the Home Civil Service, and similar Examinations. Subjects: Latin, French, German, Divinity, English, History, Geography, *Précis* Writing and Dictation, Arithmetic, Mathematics, Physical Science, Drawing.

3. The Junior branch includes the two lower forms, and the course of instruction provides a sound elementary knowledge of Scripture, History, Latin, Arithmetic, French, and the rudiments of Greek, great attention being given to Writing, Dictation, Geography, and English Reading.

Special arrangements are made, by which boys reading for the Indian Civil Service and the more difficult Examinations can be as fully prepared as by any other private tuition. Throughout the School, Modern Languages receive more than the usual amount of attention and time. Physical Science forms part of the regular work in all forms except in the two highest (where it is optional) and the Junior School. Examinations by Public School Examiners of Oxford and Cambridge.

SCHOLARSHIPS, EXHIBITIONS, AND PRIZES.—There are Exhibitions of 60*l.* and 40*l.* per annum, open to competition every year, tenable at Oxford or Cambridge for three years. No boy eligible who has not attended the School three years. There are 20 Foundation Scholarships of 24*l.* per annum, open to all candidates, but day scholars have a preference for a fourth of the above number. Three Gladstone Scholarships of 25*l.* per annum, open to boys under 15, and tenable by them as boarders at the School for four years. Boarding House Scholarships, tenable with above, value 50*l.* to 25*l.*, are open to competition from time to time. In addition to the regular form prizes in different subjects, there are the following special prizes:—Lord Dartmouth's for general proficiency, French, and German; the Baroness Burdett-Coutts's for Mathematics; the "Dyne" for Divinity (two), and for History (two); the "Sir W. Bodkin" for Physical Science; the "Fletcher" for English Literature; the Governors' Gold Medal for Latin Verse.

SCHOOL FEES.—Tuition, 24*l.* per annum, payable in advance, in three equal terminal payments of 8*l.* Boarding, 60*l.* per annum, including laundress and all house expenses, but not including tuition. Entrance fee to the School, 1*l.* 1*s.* Extra: Music (piano), 2*l.* 2*s.* per term; Gymnasium, 1*l.* per term. Day pupils can dine at the Head Master's or other boarding houses for an extra charge of 4*l.* per term.

ADMISSION.—1. All applications for admission must be made to the Head Master. 2. A certificate of good conduct is required, before admission, from every boy who has been at any other school, or with a private tutor. 3. Age of admission, from 8 years. 4. Boarders are received by the Head Master, and by the Rev. W. D. Bodkin and the Rev. R. L. Morris, Assistant Masters. All boarding arrangements are under the supervision and control of the Head Master.

SCHOOL YEAR, VACATIONS, HOURS, ETC.—The School year is divided into three terms. Vacations—Spring, 3 weeks, commencing middle of April; Summer, 7 weeks, commencing end of July; Christmas, 5 weeks,

commencing about 20th December. School Hours—Monday, Thursday, 9 to 12.30 and 2.30 to 5; Tuesday, Friday, 9 to 12.30 and 2.30 to 4.30; Wednesday, 9 to 1; Saturday, 9 to 12.30.

The number of boys in the School is over 250, of whom about 150 are day-boys, and 100 boarders.

There are twelve Governors, six co-optative, viz. :—

Earl Selborne.

J. L. Tatham, Esq.

W. Ford, Esq.

Viscount Lewisham.

Lieut.-Colonel Leach, R.E.

J. B. Dyne, Esq.

and six nominated.

*Head Master.*—Rev. Charles McDowall, D.D., Oxon., Prebendary of St. Paul's Cathedral.

*Assistant Masters.*

Rev. W. D. Bodkin, M.A.

Rev. R. Leslie Morris, M.A.

Rev. R. Fayrer, M.A.

S. C. Newton, M.A.

Rev. C. H. Griffith, M.A.

G. T. Atkinson, M.A.

Rev. P. E. Raynor, M.A.

Spencer Pickering, B.A.

W. D. Grant, M.A.

E. L. Roy, B.A.

Mons. A. De Beaumont, M.A.

*Drawing.*—H. B. Hagreen, C. H. Swinstead.

*Music and Singing.*—T. Worsley Staniforth.

*Drill.*—Sergeant Caller (late Coldstream Guards).

*Gymnasium.*—Sergeant Allen (late Instructor Military Depot, Winchester).

See also Appendix A.

KING'S COLLEGE, LONDON.—See SECTION III.

## KING EDWARD'S SCHOOL,

BIRMINGHAM, WARWICKSHIRE.

This School was founded in 1552, and was reorganised by the Endowed School Commissioners in 1878. The endowments are 25,000*l.* per annum, and the Council consists of 22 Governors. It is now divided into Schools of two grades—(1) a High School for 350 boys and a High School for 200 girls, in both of which the education terminates at 19; (2) three Grammar Schools containing altogether 850 boys, and four Grammar Schools containing altogether 715 girls, in all of which an education is given terminating at 16.

THE HIGH SCHOOL FOR BOYS.

*Head Master.*—Rev. A. R. Vardy, M.A.

The admission of candidates to the High School must be between the ages of 8 and 19, and of good character and sufficient health; they must

be resident with their relations, or in boarding houses licensed by Governors of the School. The examinations for admissions are in June and November, and the names of candidates must be previously registered at the Secretary's Office in New Street, and a certificate of birth produced. The subjects of examination are—Reading and Writing from dictation, Arithmetic, Outlines of English Grammar, History, and Geography.

Candidates may also be examined, if they desire it, in Latin, Greek, French, German, Elementary Science, and Elementary Mathematics. It is, however, not necessary for candidates to pass in all subjects of examination, success mainly depends on accurate knowledge of elementary subjects and of being well grounded especially in the early rules of Arithmetic. Two-thirds of the pupils are admitted on payment of fees, and the remaining one-third are elected to Foundation Scholarships, entitling the owner to receive gratuitously all the benefits of the School.

These Scholarships are awarded to candidates of the greatest merit in the examinations for admission, or at the half-yearly School Examinations.

There are three terms in the year, one beginning January 23rd, the Easter term on the 1st May, and the 3rd term on the 18th September. The course of instruction is framed with a view to the completion of School education by 19, or about that age, and includes English subjects, with Greek, Latin, French, and German Languages and Literature, Mathematics, Arithmetic, Natural Science, History, Geography, and Drawing. There is a yearly examination held in July by the Oxford and Cambridge Examination board. The fees are as follows:—There is an entrance fee of 10s.; the tuition fees are 9*l.* a year, or 3*l.* a term, and all pupils have to provide their own school books. The following Exhibitions and Scholarships are awarded in each year to candidates selected by the Examiners:—(1) Three Exhibitions of the value of 50*l.* each, tenable for four years at either Oxford or Cambridge, or at some place of higher education; one for proficiency in Classics, one for Mathematics, and one for general school work; and these are open to scholars who have been two years in the School. (2) An Exhibition of the annual value of 30*l.*, tenable for three years at Sir Josiah Mason's Science College. (3) King Edward's Scholarships, tenable for two years at the School, 20*l.* first year, 25*l.* second year, besides exemption from payment of tuition fees. These are open to Scholars who have been two years in one of the Schools of the Foundation, and who are not above 17. (4) Two King Edward VI. Scholarships, value 10*l.* first year and 15*l.* second year, under similar conditions to No. 5, and who are above 13, and not above 15. The following Scholarships are awarded from time to time, as they fall vacant:—(5) John Howell James's Scholarship, of the annual value of 50*l.*, tenable for three years at Oxford or Cambridge, and awarded for proficiency in School work generally. (6) Sands Cox Scholarship, of the annual value of 15*l.*, and tenable by a Student of Medicine at Oxford, Cambridge, or Edinburgh, or at one of the Hospitals or other Medical Schools of London. In addition to valuable prizes from the School funds, the following special prizes are annually awarded:—Lee Divinity prize, books to the value of 3*l.* 3*s.*; Chance, also a Divinity prize of books of the same value; "Albert" prize for Mathematics; the "Lightfoot" prize for Shakespeare; "Milward" prize for French, and other prizes of books; and prizes for the best collection of wild flowers, ferns, grasses, and mosses.

## THE HIGH SCHOOL FOR GIRLS.

*Head Mistress.*—Miss Creak, B.A.

Full particulars are given in Vol. II. of this work.

## THE GRAMMAR SCHOOLS

comprise the following, viz. :—

For Boys only. Five Ways. Head Master, Rev. E. F. M. MacCarthy.

For Girls only. Bath Row. Head Mistress, Miss S. J. Corbett.

For Girls only. Summer Hill. Head Mistress, Miss C. Brown.

Boys and Girls. Aston. Head Master, Mr. J. Temperley, B.A.; Head Mistress, Miss M. J. Nimmo, B.A.

Boys and Girls. Camp Hill. Head Master, Rev. A. J. Smith, M.A.; Head Mistress, Miss H. Grundy.

The course of instruction is framed with a view to the completion of school education by the age of 16 or thereabouts, and includes Reading, Writing, Arithmetic, History, Geography, the English Language and Literature, Latin, French, German, Mathematics, Natural Science, Drawing, and Vocal Music, and in the Girls' Schools, Domestic Economy and Needlework.

The upper pupils of the Schools are prepared for the University Local Examinations, and in the Boys' Schools for the Matriculation Examination of the University of London.

The school year is divided into three terms, commencing in January, May, and September.

Candidates for admission must be of good character and sufficient health, and must be residing with their parents, guardians, or near relations, or in boarding-houses licensed by the Governors of the School.

In case of deficiency of accommodation in the Schools for all candidates, those who are residing within a radius of ten miles from the Town Hall in Birmingham are entitled to be preferred.

Examinations for admission are held in the months of July and December. The names of candidates must be registered, previous to the examination, at the Secretary's Office, New Street. Notice of the time appointed for registration is given in the newspapers.

A Registrar's certificate of birth must be produced when the name of a candidate is registered for the examination, except in cases where such certificate has already been produced.

Two-thirds of the pupils are admitted only on the payment of fees. The remaining one-third are elected to Foundation Scholarships, entitling the holders to receive gratuitously all the benefits of the School. One half of these Scholarships are awarded on the results of the examinations for admission, and the other half to pupils in the School, on the results of the half-yearly School Examinations, held in July and December.

Entrance fee, payable on admission to the School, 2s. 6d. Tuition fee, 3l. per annum, payable in advance, by three instalments of 1l. in the beginning of January, May, and September. All pupils provide their own school books.

AGE.—Candidates must be between the ages of 8 and 16 years. The statute provides that, with the sanction of the Head Master or Head Mistress, a pupil may remain until the end of the second complete term after attaining his or her sixteenth year.

ADMISSION EXAMINATION.—Candidates will be examined in the fol-



lowing subjects :—Reading, and Writing from Dictation ; Arithmetic : the first four rules (simple and compound), Reduction, Vulgar Fractions, Practice, and Simple Proportion ; the Outlines of English Grammar, History, and Geography. Candidates may also be examined, if they desire it, in Latin, French, Elementary Mathematics, and Elementary Science. It is not necessary for Candidates to pass in all the subjects of examination. Some difficult questions are set for the more advanced candidates, but success mainly depends on an accurate knowledge of the elementary subjects, and on being well grounded, particularly in the early rules of arithmetic.

In each Boys' School, one Exhibition of the annual value of 30*l.* is awarded in each year, tenable for three years at Sir Josiah Mason's College, or at some institution which is in connection with the University of London, or at some Training College for Teachers. King Edward's Scholarships, tenable in one of the Schools of the Foundation, and of the annual value of 10*l.*, 14*l.*, and 7*l.* 10*s.*, are awarded in each year.

In each Girls' School one Exhibition of the annual value of 30*l.* is awarded in each year, tenable for three years at some place of higher education. King Edward's Scholarships, tenable in one of the Schools of the Foundation, and of the annual value of 9*l.*, 12*l.*, and 6*l.*, are awarded in each year.

#### STAFF OF MASTERS IN THE HIGH SCHOOL.

*Head Master.*—Rev. A. R. Vardy, M.A.

*Second Master.*—H. M. Fryer, M.A.

*Mathematical Master.*—R. Levett, M.A.

#### *Assistant Masters.*

Rev. J. H. Smith, M.A.

E. Carter, M.A.

G. Brewerton, B.A.

T. C. Donkin, M.A.

A. B. Thurlbourn, M.A.

J. A. B. Bennett, B.A., B.Sc.

E. W. Badger, M.A.

A. W. Adams, M.A.

Monsier A. Vincent,

Dr. K. Dammann,

Herr Rothe,

Mr. R. Rickard.

Mr. J. Turner.

} French and  
German.

*Secretary.*—Mr. G. Ashford.

## LIVERPOOL COLLEGE,

### LIVERPOOL.

This well-known School was opened in 1840, and incorporated in 1869, it consists of three departments, numbering about 600 boys, and is designed to supply at a moderate expense a sound education, based upon the principles of the Church of England.

#### UPPER SCHOOL

(now removed to the neighbourhood of Sefton Park). The education is similar to that in the great Public Schools, given to those who are intended for the Universities and learned professions, Pupils intended for a busi-

ness career receive special instruction in Modern Languages, Modern History, and the Natural Sciences.

Eight University Exhibitions, open to pupils under the age of twenty, have been founded in connection with this School, one of the annual value of 22*l.*, four of 40*l.*, one of 45*l.*, and two of 50*l.*, tenable for 3½ or 4 years. Two of these are vacant every year.

The Lawrence Scholarship (founded by the late Mrs. Lawrence, in memory of her late husband, G. H. Lawrence, Esq.), is given to the best senior pupil in the Upper School, and entitles the holder to free education in this School for half a year.

Another Exhibition, the bequest of the late Sampson Smith, Esq., value about 40*l.* per annum, will shortly be added.

In addition to the ordinary class prizes, special prizes are given for Divinity, Mathematics, and Arithmetic, including two prizes, founded by the Earl of Derby, to be awarded, one for English History (value 4*l.* in books), the other for Modern History generally (value 5*l.* in books); and for Divinity, by the Lord Bishop of Liverpool.

Also Reading and Recitation Prizes, founded by J. K. Rounthwaite, Esq., of the value collectively of 4*l.* 10*s.* in books.

The course of instruction in the Classical Division comprises Greek and Latin, Translation and Composition, Arithmetic and Mathematics, French, German, Drawing, History and Geography (Ancient and Modern), English Composition, Chemistry. In the Modern Division more time is devoted to Modern History, French, Drawing, Writing, and Book-keeping, and German takes the place of Greek.

The terms are as follows per annum:—For boys above the age of 10, 22 guineas; below that age, 16 guineas; and below 9, 12 guineas. For the sons of a clergyman or relation of a donor, 18, 14, and 12 guineas. Pens, ink, and copybooks, 10*s.*; drilling, 10*s.*

The Middle School furnishes a complete commercial education, including a competent knowledge of Latin and French.

The Lower School provides for the trading classes a practical education.

A Junior Department is attached to each School, in which the pupils are kept apart from the others during the hours of study, and are altogether under the training of special Masters.

A public distribution of prizes takes place annually in the Lecture Hall, at which the Scholarships and Exhibitions are awarded.

The holidays in the Middle and Lower Schools are ten days at Easter, six weeks in the summer, four weeks at Christmas, and a few days at Michaelmas, partly dependent on distinctions gained by the pupils at the Universities or elsewhere.

The following Masters take boarders upon the terms mentioned, viz.:—

R. Scott, Esq., B.A., 4, Huntly Road, Elm Park, Fairfield, from 45 to 50 guineas.

Henry M. Shaw, Esq., 23, Huntly Road, Elm Park, Fairfield, at 55 guineas, inclusive.

V. Marindin, Esq., 40, Hampstead Road, Elm Park, at 50 guineas.

#### MIDDLE SCHOOL.

The course of instruction comprises Latin, English Composition, History and Geography, Mathematics (especially in their practical application), Arithmetic, French, Drawing, Vocal Music, Book-keeping and Writing, with Natural Sciences, and Chemistry for the senior pupils.

Greek, for the senior pupils, and German are voluntary subjects, dependent on the permission of the Head Master.

The following Scholarships and Exhibitions have been founded in connection with this School :—

One Scholarship, founded by the late Miss Callin, tenable for half a year, entitling the successful candidate to free education in this School, is awarded to the pupil standing highest in the order of merit who may not be nominated to the Upper School.

Two Scholarships awarded half-yearly, of the value of 10*l.* each per annum in money, founded by the late Very Rev. Dean M'Neile, one given for proficiency in History and Arithmetic, and the other for proficiency in Geography and Modern Languages.

One Scholarship, founded in memory of the late Richard Crowe, Esq., tenable for half a year, entitling the successful candidate to free education in this School, is awarded to the best reader at sight of Vocal Music.

Two Exhibitions on an average annually, entitling the successful candidates to education in the Upper School, at the terms of the Middle, provided the number of six be not exceeded, and that the candidate selected by the Principal be not, as a general rule, over 16 years of age.

Terms, per annum, 11*l.* 11*s.*; the son of a donor of 10*l.* 10*s.* or upwards, or a second son, 10*l.* 10*s.*; the son, brother, or nephew of a donor of 50*l.*, or a third son, or a boy between 9 and 10 years of age, 8*l.* 8*s.*; a fourth son, or a boy under 9 years of age, 6*l.* 6*s.*; pens, ink, copybooks, etc., 8*s.*; drilling, 6*s.*

#### LOWER SCHOOL.

The course of instruction comprises Latin (to the senior pupils), English Grammar, English Composition and History, Geography, Arithmetic and Book-keeping, French, Drawing, Vocal Music, Writing, Chemistry, and elementary Mathematics.

The following Scholarships and Exhibitions have been founded in connection with this School :—

Four Scholarships (tenable for half a year) entitling the successful candidate to free education in this School, founded by the late Edmund Molyneux, Esq., are awarded at Midsummer and Christmas every year.

Two Scholarships awarded half-yearly, value 3*l.* each per annum in money, founded by the late Very Rev. Dean M'Neile, one given for proficiency in History and Arithmetic, the other for proficiency in Geography and Modern Languages.

Two Scholarships (vacant occasionally), founded by the Rev. J. Heyworth, and entitling the successful candidate to free education in the Middle School as long as he may remain.

One Scholarship, founded in memory of the late Richard Crowe, Esq., tenable for half a year, entitling the successful candidate to free education in this School, is awarded to the best reader at sight of Vocal Music.

Two Exhibitions annually, entitling the successful candidates to education in the Middle School at the terms of the Lower, provided the number of six be not exceeded, and that, as a general rule, the age of the candidate be not over 14.

Terms, per annum, 5*l.* 15*s.* 6*d.*; a second son, or the son of donor of 10*l.* 10*s.*, 5*l.* 5*s.*; a third son, or a boy between 9 and 10 years of age, 4*l.* 4*s.*; a fourth son, or a boy under 9 years of age, 3*l.* 3*s.*; pens, ink, copybooks, etc., 6*s.*; drilling, 4*s.*

*Visitors.*—The Right Rev. the Lord Bishop of Liverpool and the Right Rev. the Lord Bishop of Chester.

*Principal.*—The Rev. Edward Carus Selwyn, M.A., Fellow of King's College, Cambridge.

*Vice-Principal.*—The Rev. Henry Becke, M.A., University College, Oxford.

*Head Masters.*—Of the Upper School, The Principal; Middle School, Rev. Henry Becke, M.A.; Lower School, R. L. Bogue; Junior Department, Robert Somerville, B.A.

*Assistant Masters.—Upper School.*

Herbert Bendall, M.A.

S. H. Haslam, M.A.

H. W. Cooper, B.A.

Rev. F. H. Curtis, M.A.

Rev. G. H. Dyson.

*French and German.*—Mons. V. Marindin, University of Bonn.

*Drawing.*—W. J. Bishop.

*Music.*—R. W. Crowe, Mus. Doc.

*Middle School.*

Robert Scott, B.A., Vice-Head Master.

W. J. Constable, B.A.

John Weatherall, M.A.

R. Somerville, B.A.

H. M. Shaw.

D. Mackintosh.

R. Scott, B.A.

W. C. Hughes.

W. R. Cooper, B.A.

*Junior Department.*—M. Tasker.

*Lower School.*

S. White.

Christopher Wall.

Chs. Evans.

W. R. Cooper, B.A.

C. F. Cooper.

J. B. Wyles.

*Junior Department.*—G. F. Mainwaring.

*Drilling.*—Sergeant Neville.

## MALVERN COLLEGE,

### GREAT MALVERN, WORCESTERSHIRE.

This College was founded in 1864, and opened in 1865. It stands on the slope of the Malvern Hills, and was built by the proprietors at a cost of nearly 50,000*l.*, the architect being Mr. Harsom. It contains six boarding houses, with accommodation for more than 250 boarders. The system is founded on that of Winchester; and through, being a Modern School, it has but few endowments, yet numerous valuable Scholarships are annually awarded. The education is of the highest order, as is shown by the large number of Classical and Mathematical Scholarships and Exhibitions, 41 having been obtained since 1869, besides some very high places in the Indian Civil Service competition, and other Examinations.

The College is divided into the Classical and Modern Side, and consists of the following Departments:—

1. The Classical side, which has special reference to the Universities, Woolwich and Indian Civil Service Examinations, etc., and embraces the

study of English Composition and Literature in addition to the usual curriculum of Public School Education.

2. The Modern side, of which the course embraces the following subjects :—Latin, Mathematics, English Grammar, Literature and Composition, Modern History, Political and Physical Geography, Précis-writing, etc., and is expressly organised with a view to the Army Entrance and Home Civil Service Examinations. Mathematics and Modern Languages enter into the course of both departments, French being necessary, German voluntary, though without extra charge.

Chemistry is taught to all boys on the Modern side, and to the Middle School on the Classical side. A charge of 10s. is made.

In addition to the above, there is a class of candidates who are preparing for the Woolwich Entrance and the Indian Civil Service Examination.

3. The Junior School, which is preparatory to either Department, and is intended only for the youngest pupils.

Instruction in the workshop is voluntary; fee, one guinea per term.

Boys who require special preparation for any examination or additional instruction in any branch of knowledge may have private tuition, the fees for which are :—Ordinary private tuition, in one subject, 5*l.* ; Army Classes, 2*l.* 10*s.* ; French Conversation Class, 1*l.* 1*s.* ; Preparation in Hall (day boys), 1*l.* 1*s.*

The Bible and Church Catechism are taught to all the boys, and other Divinity subjects in the higher forms. The boys attend daily service in the College Chapel, and there are two full services on Sundays. The Bishop holds a confirmation yearly in the Chapel of the College.

An entrance Examination is held each term on the morning of the day on which term commences.

The holidays are a short spring vacation, commencing about the middle of April ; a summer vacation, commencing about the last week in July ; and a winter vacation, commencing a few days before Christmas-day.

Boys are admitted on the nomination of Shareholders, each share being of the value of 40*l.* Non-shareholders pay 6*l.* per annum for the use of a nomination.

TERMS PER ANNUM.

| <i>Sons of Laymen.</i>                      |    |    |    | <i>Sons of Clergymen.</i>                           |    |    |    |
|---------------------------------------------|----|----|----|-----------------------------------------------------|----|----|----|
|                                             | £  | s. | d. |                                                     | £  | s. | d. |
| Board ... ..                                | 60 | 0  | 0  | Board ... ..                                        | 60 | 0  | 0  |
| Tuition and School Fees,<br>over 14 ... ..  | 30 | 0  | 0  | Or on good entrance Ex-<br>amination ... ..         | 55 | 0  | 0  |
| Tuition and School Fees,<br>under 14 ... .. | 20 | 0  | 0  | Tuition and School Fees,<br>over 14 years of age... | 25 | 0  | 0  |
| Library, Gymnasium, etc.                    | 1  | 1  | 0  | Tuition and School Fees,<br>under 14 years of age.  | 15 | 0  | 0  |

Sons of Clergymen are by private liberality offered free nominations.

OPTIONAL (PER TERM).

|                                             | £ | s. | d. |                      | £ | s. | d. |
|---------------------------------------------|---|----|----|----------------------|---|----|----|
| Drawing — Geometrical<br>or Freehand ... .. | 1 | 6  | 8  | Violin ... ..        | 3 | 3  | 0  |
| Organ, Piano, or Singing                    | 2 | 9  | 0  | Gymnastics, etc. ... | 0 | 3  | 6  |
| Use of Organ ... ..                         | 0 | 10 | 6  | Fencing, etc. ... .. | 0 | 6  | 6  |
| Use of Piano ... ..                         | 0 | 3  | 6  | Swimming ... ..      | 0 | 7  | 0  |



The School is annually examined in Classics by Examiners appointed by the Council, and in Mathematics by the Oxford and Cambridge School Examining Board.

At present there are about 250 pupils, from 12 to 19 years of age, nearly all boarding in the Masters' houses. There are 14 House Scholarships of 40*l.* per annum, three Foundation Scholarships of 50*l.*, two Head Master's Scholarships of 60*l.*, besides others of less value; all these are in addition to a free nomination (6*l.* extra). The competition for Scholarships is held in December each year.

There are three terms, divided by vacations of three, five, and seven weeks. The Head Master, chief Mathematical Master, and four Assistant Masters receive boarders into their houses, which are constructed with every modern improvement. The site of the College is conspicuously healthy, and the climate bracing.

The President and Visitors comprise the Lord Bishop of Worcester; Vice-President, the Right Hon. Earl Beauchamp, Lord Lieutenant of Worcestershire; and 16 members of the Council, including six Vice-Presidents.

*Head Master.*—The Rev. Charles Thomas Cruttwell, M.A., Fellow and late Tutor of Merton College, Oxford.

*Assistant Masters.*

|                         |                           |
|-------------------------|---------------------------|
| G. E. Mackie, M.A.      | W. Cooper, M.A.           |
| Rev. T. Spear, M.A.     | Rev. M. A. Bayfield, M.A. |
| Rev. E. L. Bryans, M.A. | O. Wachter, LL.D.         |
| Rev. H. N. Fowler, M.A. | J. Ehrke.                 |

MATHEMATICAL DEPARTMENT.

Christopher Graham, M.A.

MILITARY AND MODERN DEPARTMENT.

Rev. Henry Foster, M.A. | H. M. Faber, M.A. | E. B. Scallon, M.A.

*Junior School.*—E. E. Bowyer, M.A.

*Chemistry.*—C. Graham, M.A.; H. M. Faber, M.A.

*Choir Master.*—W. Cooper, M.A.

*Music.*—W. Haynes, W. F. Newton.

*Gymnasium and Swimming.*—Corporal Ross.

*Drill.*—Sergeant Murphy.

*Workshop.*—G. Curnock.

*Secretary.*—B. Scallon.

See also Appendix A.



## THE GRAMMAR SCHOOL, MANCHESTER.

This School, which has taken so high a standing as a seat of education, was founded in 1515, by Hugh Oldham, Bishop of Exeter. It is a day-school, at which the scholars are principally residents of Manchester and its neighbourhood. An election of free scholars is held by the Governors twice in the year. Boys are admitted into the school by the High Master at the commencement of each term. The fee is 4 guineas a term. The

school is divided into Classical and Modern Language sides, which are combined for the purpose of instruction in Mathematics, Drawing, and Writing. The Classical side has for its object the preparation of boys for the Universities and the learned Professions. The Modern Language side aims at giving a thorough knowledge of French and German, and elementary instruction in Physical Science, and at fitting boys for Mercantile pursuits. There are about 150 foundation Scholarships tenable for three years, and renewable at the end of that time; the other 800 boys pay 12 guineas a year. Has right of preference to 4 Scholarships exclusively, and 18 other Scholarships in rotation with 2 other Public Schools at Brasenose College, Oxford; 12 Exhibitions in rotation with 2 other Schools at S. John's, Cambridge, worth about 50*l.* per annum. Exhibitions: 5 at S. John's College, Cambridge, of the annual value of 50*l.*; The Rickard's Scholarship, of the annual value of 50*l.*; 6 Brackenbury Scholarships, of the annual value of 45*l.*; 2 Philip Wright's Scholarships, of the annual value of 50*l.*; 3 Shakespeare Scholarships, 2 of 20*l.* each, and 1 of 14*l.*; 20 Langworthy Scholarships, of the value of 20*l.*; 4 Armitage Scholarships, 2 of 25*l.* and 2 of 15*l.* 3 Exhibitions were founded in 1871, for the purpose of enabling the holders to continue their studies at Owens College after leaving the School. 1 Exhibition, tenable for 3 years, and worth about 17*l.* a year, is offered for competition annually. Numerous prizes are also awarded. A very high percentage of certificates have been gained by pupils at the University Local Examinations, a great number being in honours. In 1870, a new building in connection with the Manchester Grammar School scheme was opened, the cost of which was 30,000*l.* In 1880, a new building was added, at a cost of 50,000*l.* Several valuable Exhibitions, Scholarships, and Prizes have also been recently added. A school library has been recently opened. A course of physical training forms a regular part of the School work.

### OFFICERS AND MASTERS.

#### *Ex-officio Governors.*

|                                                                                |                                                   |
|--------------------------------------------------------------------------------|---------------------------------------------------|
| The Dean of Manchester,<br>The President of Corpus Christi<br>College, Oxford, | The Mayor of Manchester,<br>The Mayor of Salford, |
|--------------------------------------------------------------------------------|---------------------------------------------------|

with seven representative Governors, and nine co-optative Governors.

*Solicitor*.—William Slater, Esq.

*Clerk and Receiver*.—W. H. Wood.

*Secretary*.—Joseph Hall, Esq.

*High Master*.—S. Dill, M.A., Fellow and late Tutor of Corpus Christi College, Oxford.

#### *Classics and English.*

|                                                                                                                                                                                |                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| T. Agar, M.A.<br>J. R. Broadhurst, M.A.<br>C. E. Brown, B.A.<br>Rev. T. N. Carter, B.A.<br>Rev. G. F. Coombes, M.A.<br>J. Cowan, B.A.<br>H. R. Doyle, B.A.<br>H. L. Earl, B.A. | W. Y. Fausset, B.A.<br>J. Hall, M.A.<br>R. P. Horsley, M.A.<br>C. W. Patchell, B.A.<br>J. N. Swann, B.A.<br>W. D. Warburton, M.A.<br>H. A. Watson, B.A. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

*Mathematics and Arithmetic.*

A. Buchheim, B.A.  
 Rev. J. Chambers, M.A.  
 Rev. J. H. Hill, M.A.  
 A. E. Holme, B.A.

H. G. Willis, M.A.  
 T. W. K. Start.  
 L. H. Miller.

*Physics.*—John Angell, F.C.S., F.I.C.

*Chemistry.*—Francis Jones, F.R.S.E., F.C.S.; C. Wilson.

*French.*—T. C. d'Auquier, Collège Henri IV., Paris; Paul E. E. Barbier, Ecole de la Confession d'Augsbourg, Paris; Claude Duval, from Toulon, University of Berlin.

*German.*—Rudolph J. Morich, of the University of Berlin; Gustav Voigt; Carl Von Hedemann, of the University of Göttingen.

*Drawing.*—Z. Pritchard and J. Jackson, assisted by three Student Teachers.

*Writing.*—Henry Sykes.

*Gymnastics.*—John Nadin, Chief Instructor, with an assistant Instructor.

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## MARLBOROUGH COLLEGE, WILTS.

This most distinguished public school was originally founded for sons of the Clergy, and was established in 1843, and incorporated by Royal Charter in 1845; additional Charter, 1853. The College is divided into three Schools—the Upper, the Modern, and the Lower School. In the Upper School the education is chiefly intended as a preparation for the Universities. In the Modern School, the subjects of instruction are Mathematics, Latin, French, German, History (principally Modern), Geography, Natural Science, together with English Composition. There are special classes for the subjects of Examination at Woolwich. No boy is permitted to remain after the age of seventeen, if he has not reached the Fifth Form of the Upper or the Modern School. The Lower School is preparatory for the Upper and Modern; it is intended for boys between the ages of ten and fourteen. The Bible and Church Catechism form part of the regular instruction in all the Schools. A boy may at any time be transferred to the Modern School, provided he is sufficiently advanced in his studies for the Lower Fourth Form of the Upper School. The boys attend service regularly in the College Chapel, and the Master holds the office of Chaplain. The whole annual charges for education and maintenance are, in the College, with a nomination, 80*l.*; the annual charge for the education of the home-boarders, receiving education only, is, with a nomination, 21*l.* Pupils are admitted on the nomination either of Life Governors, who by the payment of 50*l.* acquire the right of having always one pupil in the College; or of Donors, who by the payment of 20*l.* acquire the right to a single nomination. Pupils are also admitted without a nomination on the payment of an additional 5*l.* per annum in lieu thereof. There are twelve Exhibitions to the Universities of Oxford and Cambridge; four vacant annually, worth 50*l.*, 40*l.*, 30*l.*, and 30*l.*, or somewhat less, a year

respectively, tenable for three years. There are also two Exhibitions, of the value of 25*l.* and 20*l.* respectively, and tenable for two years at Woolwich, or such other place of education as the Master may approve, given annually to the members of the Modern School. The Examination for fifteen Foundation Scholarships, confined to the sons of clergymen, is held annually in December. There is an election annually to two Senior Scholarships, open to all boys under fifteen years of age; the annual value of these Scholarships is 50*l.* each, and they are tenable so long as the scholar elected remains at the School. There is also an election annually to one House Scholarship of the value of 80*l.* per annum, tenable at one of the large boarding-houses so long as the holder remains at the School, and to six Junior Scholarships, of the value of 30*l.* per annum each, open to boys under fourteen years of age, tenable for two years. There are also two Scholarships of the value of about 15*l.* per annum each, founded by the late Dean Ireland, and open to sons of clergymen only. Also one of the value of about 17*l.* per annum, founded by the late Archdeacon Berens, open to the sons of clergymen and laymen alike. There is also a Scholarship worth 16*l.* a year, confined to the sons of clergymen who have served for five years as Missionaries or Chaplains in India. And two Scholarships, each of the value of 20*l.*, tenable for one year, and confined to members of the Modern School. Two Scholarships called the "Authors' Scholarships," tenable for one year, of the value of 15*l.*, for proficiency in French and English, open to all members of the School below the Sixth Form. There are also a considerable number of annual prizes.

The College buildings (exclusive of the Lower School) are divided into six portions, each of which is assigned to one of the undermentioned House Masters, who undertakes the immediate control and superintendence of the pupils placed under him, in all matters of education, discipline, and domestic arrangement, except board, with which the Bursar only is concerned. The number of pupils in the College, inclusive of house-boarders and home boarders is 580, 370 within the College, and 210 in the boarding-houses. Of the 370 in College, 70 (sons of clergymen) are foundation scholars paying 50*l.* per annum, while the remainder pay 80*l.* or 85*l.*, according as they have or have not a nomination. The terms in the boarding-houses vary between 95*l.* and 110*l.* The charge for ordinary private tuition is 6*l.* per annum; for preparation for any special examination, 10*l.* 10*s.*

The present House Masters are :—

*Of the Old House—*

G. Sharp, M.A.  
Rev. W. J. V. Baker, M.A.  
W. J. Ford, M.A.

*Of the New House—*

M. H. Gould, M.A.  
H. B. Horner, M.A.  
Rev. J. P. Way, M.A.

The honours list is very satisfactory, and the Head Master in his recent address particularly referred to the remarkable success obtained by the boys of this College in the Army and Navy Examinations.

The Council consists of 26 members, with the Lord Bishop of Salisbury as President.

STAFF OF MASTERS.

*Head Master*—Rev. G. C. Bell, M.A., late Fellow and Tutor  
of Worcester College, Oxford.

*Assistant Masters :*

Rev. G. W. De Lisle, M.A.  
 C. M. Bull, M.A.  
 J. B. Gilmore, M.A.  
 Rev. T. A. Preston, M.A.  
 Rev. J. S. Thomas, M.A.  
 F. E. Thompson, M.A.  
 W. Mansell, M.A.  
 W. H. Macdonald, M.A.  
 W. E. Mullins, M.A.  
 A. H. Beesly, M.A.  
 Rev. C. E. Thorpe, M.A.  
 H. Richardson, M.A.  
 H. B. Horner, M.A.  
 G. F. Rodwell, F.R.A.S.  
 H. D. Drury, M.A.  
 G. Sharp, M.A.

Rev. W. M. Furneaux, M.A.  
 Rev. W. J. V. Baker, M.A.  
 L. E. Upcott, M.A.  
 Rev. J. P. Way, M.A.  
 M. H. Gould, M.A.  
 R. Alford, M.A.  
 G. W. Rundall, M.A.  
 W. J. Ford, M.A.  
 H. Leaf, M.A.  
 Rev. T. N. Hart-Smith, M.A.  
 J. Bain, B.A.  
 S. P. Knight, B.A.  
 B. D. Turner, B.A.  
 A. C. Champneys, B.A.  
 Rev. S. C. Voules, M.A.

*Medical Officer*—W. Fergus, M.D.

*Librarian*—Rev. G. W. De Lisle, M.A.

*Organist*—W. S. Bambridge, Mus. Bac., Oxon.

*Bursar and Secretary*—Rev. J. S. Thomas, M.A.



## MERCHANT TAYLORS' SCHOOL,

CHARTERHOUSE SQUARE, E.C.

This ancient and well-known Public School was founded in 1561, by the Merchant Taylors' Company, and was rebuilt in 1875. It is supposed that Sir Thomas White, a member of the Company, and founder of S. John's College, Oxford, was the original promoter, and he afterwards endowed the school with 37 Fellowships in that College. Another member of the Company, Richard Hill, gave 500*l.* towards the purchase of the site. The first Head Master was Richard Mulcaster; he was appointed on the 24th September, 1561. The original statutes of the school are most quaint in phraseology—they provide for the teaching of "good and clean" Latin literature and Greek, "if it may be gotten" from the Head, called in them also the High, Master. This school is unendowed, and is supported entirely by the Worshipful Company of Merchant Taylors. About 500 pupils are in attendance, all day-boys. Presentations to the school are in the gift of the members of the Court of Assistants, and are generally issued on the first Wednesday in February, May, July, and November. The school is divided primarily into Upper and Lower; and the Upper School into 2 divisions, called the Classical side and the Modern side. In the Classical side are taught all such branches of knowledge as shall prepare pupils to enter the Universities. The course of study embraces Latin, Greek, Hebrew, English, French, German, and Mathematics, and in certain cases Natural Science and Drawing. In the Modern side the subjects of instruction are Mathe-



matics, Latin, Greek, French, German, Natural Science, Modern History and Literature, Geography (including Physical Geography), Drawing, English Composition, Arithmetic and Mercantile subjects. A choice of subjects is allowed within certain limits, but as a rule only two languages can be learnt. The Lower School is preparatory to the Upper, promotions being made from the Lower School to the Upper School twice a year, according to individual proficiency. The half of Monday is, throughout the school, devoted to religious instruction. The school dues are an entrance fee of 3*l.*, and 12 guineas per annum, paid quarterly in advance, by boys in the Lower School, or 15 guineas per annum by boys in either department of the Upper School. This includes every charge for education except books. There is no boarding system directly recognised by the school, but boarders are received by the assistant Masters, and by other persons, with whom special arrangements must be made. No boy can be admitted into the school unless he is over 9 and under 14 years of age, and passes the Entrance Examination to the satisfaction of the Head Master. There are the following Scholarships and Exhibitions to the Universities attached to the school:—21 Scholarships of 100*l.* per annum, tenable for 7 years, under certain conditions, at S. John's College, Oxford; 4 Parkyn Exhibitions of 90*l.* for 4 years, to Cambridge, for Mathematics; 5 Andrew Exhibitions of 86*l.* per annum, for 5 years, tenable at S. John's College, Oxford, for History and Modern Languages; 2 Stuart Exhibitions, 1 to Cambridge, of about 60*l.*, for 4 years, and 1 to Oxford, of 50*l.* for 8 years; 4 Company's Exhibitions of 40*l.*, for 4 years to either Oxford or Cambridge; 1 School Exhibition, of about 60*l.*, for 4 years, tenable at Oxford; 2 Pitt Club Exhibitions, of about 30*l.* for 4 years, tenable at Oxford or Cambridge; and 1 Free Medical and Surgical Scholarship at S. Thomas's Hospital. All boys who have been in the school 2 years are eligible to the 21 Scholarships at S. John's College, Oxford, until the 11th of June preceding their 19th birthday. Candidates for other School Exhibitions may in some cases have passed their 19th birthday, but must have been a certain time in the school, and attained a certain rank in it, and passed certain Examinations. There are 10 Scholarships awarded annually by competition to boys who have been at least 1 year in the school. 4 of these, called Senior Scholarships, are open to boys under 16, and are of the value of 30*l.* per annum, and tenable as long as the holder remains in the school. One at least of these Senior Scholarships is awarded every year for Modern subjects. The remaining 6, called Junior Scholarships, are open to boys under 14, and are of the value of 15*l.*, tenable for 2 years, or until the holder is elected to a Senior Scholarship. The Examination for both Senior and Junior Scholarships is held on or about June 19th and following days. Examinations take place at Midsummer and Christmas. Examinations conducted by Oxford and Cambridge Schools Examination Board. The vacations are at Easter, August, and part of September, and Christmas, in all about 12 weeks.

*Head Master*.—Rev. William Baker, D.D., late Fellow and Tutor of S. John's College, Oxford.

*Chief Mathematical Master*.—Rev. J. A. L. Airey, M.A.

*Chief Master of Modern Subjects*.—F. Storr, B.A.

*Assistant Masters, Classical School*.—F. G. Bampfylde, M.A.; C. H. Gibson, M.A.; Rev. C. E. Prior, M.A.

*Assistant Masters in the Modern School.*—R. Hargreaves, M.A.; Rev. R. F. Hosken, M.A.; Mr. F. J. Vialls; Rev. G. Gates, B.A.; S. T. H. Saunders, M.A.

*Hebrew Lecturer.*—Rev. C. J. Ball, M.A.

*French Master.*—Mons. H. Bué.

*Drawing Master.*—Mr. J. Fahey.

*Secretary.*—Mr. J. E. Robinson.

*School Secretary.*—J. M. Hare, Jun., B.A.

## OUNDLE,

### NORTHAMPTONSHIRE.

OUNDLE SCHOOL AND SIR WILLIAM LAXTON'S GRAMMAR SCHOOL. The Laxton foundation dates from 1556. The Trustees, the Grocers' Company, are accountable for only 300*l.* per annum, according to a decision of Lord Langdale in 1843, part of which sum is spent on the Laxton Almshouse for seven old men. But in addition to the Grammar School, now a Middle-class School, containing from 40 to 60 boys, they have established a First Grade Public School, already containing 185 boys, of whom 165 are boarders. The new Schoolrooms cost 15,000*l.*, and 30 acres of land have been purchased. New residences and boarding-houses for the Head and Second Masters, a sanatorium, etc., etc., are about to be erected. The tuition fee in the First Grade School is to be 15*l.*, reduced to 9*l.* for natives of the locality; in the Second Grade School 4*l.*, reduced to 2*l.* The charges for board are 55*l.* and 50*l.* There are at present four boarding-houses. The chief success of the School has been in preparing candidates for entrance Scholarships at Oxford and Cambridge, and the University honours gained by pupils since 1874 are remarkable. The course of studies includes Classics, Mathematics, French, German, Natural Science, and the usual English subjects. There are no extras, except books and stationery. There are no free scholars except 6, sons of Liverymen of the Grocers' Company, boarders in the First Grade School, but 20 deserving boys in need of assistance have their fees reduced by 10*l.* per annum. The Company's Exhibitions, 4 of 50*l.* per annum each, are tenable for 4 years at Oxford or Cambridge, and open to pupils of 3 years' standing, and under 19 years of age, 1 being vacant every year; the Company's Junior Scholarship is worth 45*l.* per annum, and is tenable for 3 years at a boarding house. It is open to all boys, members of the school or not, under 16 years of age, on January 1st; the Latham Exhibition, 30*l.* per annum, is tenable for 3 years at Cambridge; the 50*l.* Exhibition, the Junior Scholarship, and the Taylor Exhibition, 5*l.*, are awarded every year, in the month of July, by the Oxford and Cambridge Schools Examination Board. There is an entrance Examination, suited to the applicant's age; the entrance fee is 5*l.* Vacations, 12 weeks. Annual Examination by the Oxford and Cambridge Schools Board. The Rev. H. St. John Reade, M.A., late Scholar of University College, Oxford, resigned

the Headmastership in 1883, having, during his seven years' tenure of office, raised the number of boarders from 40 to 160.

*Head Master*.—Vacant.

*Second Master*.—R. P. Brereton, M.A.

*Modern Languages and Public Services*.—E. A. Hansell, M.A.

*Master of the Lower School*.—Rev. S. G. Joel, M.A.

*Assistant Classical Master*.—R. F. Winch, M.A.

*Mathematics and Natural Science*.—N. F. A. Cobbald, M.A.

*Assistant Masters in Classics and Mathematics*.—Rev. H. Pooley, M.A.,  
and Ll. R. Jones, B.A.

*Assistant Master in Modern Languages*.—Herr J. G. Hornstein.

## REPTON SCHOOL,

BURTON-ON-TRENT.

STATION: REPTON AND WELLINGTON, NEAR DERBY.

This well-known School, formerly known as Sir John Porte's School, was founded in 1556, by Sir John Porte. Endowment, 2,000*l.* per annum. The school was originally a Free Grammar School, giving gratuitous education to the sons of inhabitants of the parishes of Repton and Etwall. It is now one of the leading schools in England, admitting 275 boarders, who enter between the ages of 10 and 15, and is governed under "The Endowed Schools Act." The regular subjects of instruction are Latin, Greek, English, Mathematics, French, German, Drawing, Natural Science, and Vocal Music. There is also a Modern side, intended for boys preparing for various public services, in which instruction is given in the following subjects, viz.: Latin, English, French, German, Mathematics, Drawing, and Natural Science. Tuition fees, 25*l.* per annum; board and washing, 63*l.* per annum; entrance, 3*l.* 3*s.*; chapel, medical attendance, and library, 2*l.* 12*s.* The ordinary expenses of each boy, in addition to the above, is "less than 10*l.* a year." Exhibitions to University at discretion of governing body. Entrance Examinations at commencement of each term by Head Master. Examinations for Entrance Exhibition advertised each year. School examined by Universities' Joint Board. Vacations, 14 weeks.

**SCHOLARSHIPS**.—Four Porte and Harpur poor Scholarships, value 40*l.*, for three years, awarded by the Hereditary Governors in turn, to boys between the ages of 10 and 15. Four Porte and Harpur open Scholarships, value 40*l.*, for three years, confined to boys under 16, who are already members of the School.

**EXHIBITIONS**.—160*l.* is awarded annually by the Head Master in Entrance Exhibitions, which vary in number and value according to the proficiency of the candidates. The value ranges from 20*l.* to 45*l.*, and the Exhibitions are tenable, subject to diligence and good behaviour, so long as a boy remains at the School. Exhibitioners are eligible for the open Scholarships, but no boy may receive a larger sum than 80*l.* per annum. The value of an Exhibition may be subsequently increased,

provided the holder is distinguished for diligence and general good conduct.

The following are a few from a long list of distinguished old Rep-tonians :—

Hon. Mr. Justice Denman, Senior Classics; Right Rev. Bishop Piers Claughton; Rev. Professor Sanday, late Fellow of Trinity College, Oxford; J. E. Sandys, Fellow of St. John's College, Cambridge, Senior Classic, and Public Orator in University of Cambridge.

The Governing Body consists of fifteen members, with His Grace the Duke of Devonshire, K.G., as President.

#### MASTERS OF THE SCHOOL.

*Head Master.*—Rev. W. M. Furneaux, M.A., Corpus Christi College, Oxford.

*Foundation Master.*—Rev. G. P. Clucas, M.A., St. John's College, Cambridge.

#### *Assistant Masters.*

Rev. W. Johnson, M.A.

Rev. J. Gould, M.A.

E. Estridge, M.A.

Rev. F. C. Hipkins, M.A.

J. H. Gurney, M.A.

Rev. A. F. E. Forman, M.A.

C. A. Vince, M.A.

Rev. John Gould, M.A.

Rev. A. Cattley, M.A.

E. H. Prest, B.A.

J. D. Binney, M.A.

W. N. Wilson, B.A.

*Natural Science.*—J. H. Gurney.

*French and Drawing.*—M. Guilmant, B.-ès-L.

*Vocal Music and Piano.*—T. Price.

*Piano.*—L. F. Day.

*Violin.*—W. Woodward.

*Writing.*—Mr. Hagger.

## ROSSALL SCHOOL,

ROSSALL, NEAR FLEETWOOD, LANCASHIRE.

This celebrated School was founded in 1844 (principally through the exertions of the Rev. Canon Beechey), with the object of educating, at a moderate cost, the sons of clergymen and others, on a plan similar to that of Public Schools, and embracing a general course of instruction in Science and Modern Literature. No Endowment. The system of education comprises Religious, Classical, and Mathematical instruction, Chemistry, Modern Languages, etc. Regard is paid to the University Examinations for Scholarships, to the Examinations of the Military, Naval, and Civil Services, and the Preliminary Examinations in Law and Medicine. There is an annual Examination at Midsummer, under the Oxford and Cambridge Schools Examination Board, for the purpose more particularly of testing the standard reached in Classics, Mathematics, Science, Modern Languages, etc., compared with that of other Schools. There is also an Examination in Music and Drawing. The Classical side, where the chief instrument of education is Language, is recommended for



general education, for the Universities, for Law and Medicine. The Modern side, where the basis of education is Mathematics, is adapted for training boys for the Army, Navy, and Business. Natural Science is taught to the whole of the Modern School, and to part of the Classical. The Observatory is under the charge of the Master in Natural Science. The boys' workshops for instruction in Carpentry are under the superintendence of the Clerk of the Works. Every boy has a study either to himself or shared with 1 or 2 others. Instruction in 3 schools, whereof 1 is a Lower School, preparing for the 2 others, a Classical, and a Modern School; 300 boys, from 7 years old, all boarders, paying from 5*l.* 10*s.* to 7*l.* 10*s.* per annum each, the former sum being paid by clergymen whose sons are nominated, and the latter by laymen without a nomination; in each case, 10*l.* 10*s.* being taken off in consideration of a nomination by a life governor or donor of 50 guineas. Has 3 Exhibitions of 50*l.* per annum each, 3 of 30*l.* per annum, all tenable 3 years at Oxford or Cambridge; about 30, value from 70 guineas to 20*l.* per annum each, tenable in school. 10 or 12 entrance Scholarships are offered for competition every year, 2 of these are entitled Foundation Scholarships, and cover the whole of the School fees (60 or 70 guineas); they are open to boys under 14 on the Lady-day preceding, or in default of qualified candidates of this age, to boys under 15 at that date; 2 or 3 of these will be entitled Senior Scholarships, and open to all boys, whether members of the School or not, under 15 on Lady-day (March 25th) preceding the Examination; these will be tenable at the school for 3 years (or longer on recommendation of the Head Master); the remainder will be entitled Junior Scholarships, and open to all boys under 14 on the Lady-day preceding; they will be tenable for 2 years. The Scholarships will range in value from 20*l.* to 70 guineas; of the Senior Scholarships, 1 or 2 are given by the kindness of old members of the school, and are called "Old Rossallian Scholarships;" of the Junior Scholarships, 7 (called "Swainson" Scholarships), were founded by the munificence of a member of the Council; 1 by Bishop Rupertsland. Examiners from University. The school year is divided into 3 terms. Vacations, 14 weeks. There is a Preparatory School attached to Rossall, for 30 boys, which is under the charge of a married clergyman, subject to the general supervision of the Head Master.

*Head Master.*—Rev. Herbert Armitage James, B.D., Fellow and late Tutor of St. John's College, Oxford, some time Assistant Master at Marlborough College.

*Vice-Master.*—Thomas Batson, M.A. (First Class Classical Moderations), Scholar of Lincoln College, Oxford.

*Master of the Modern School.*—C. B. Ogden, M.A.

#### *Assistant Masters.*

W. M. Baker, M.A.  
J. H. Warburton Lee, M.A.  
Henry Magee Ormsby, M.A.  
Rev. H. P. Owen-Smith, M.A.  
T. Christie, M.A.  
W. Armour, B.A.  
Rev. R. C. Lott, B.A.  
W. King, B.A.

J. R. White, M.A.  
W. H. E. Worship, B.A.  
E. Senior, B.A.  
D. S. Rennard.  
B. Hainsworth, B.A.  
Rev. H. G. D. Tait, M.A.  
H. W. Burgh.



*Head French Master.*—Louis M. Moriarty, B.A.

*German and French Master.*—A. A. Corder, Scholar of Oriel College, Oxford.

*Organist and Choirmaster.*—E. T. Sweeting, Fellow of the College of Organists, London.

*Drawing and Writing Master.*—T. Mahir.

*Assistant Music Master.*—H. Drakeford.

*Resident Medical Officer.*—W. H. Williams, M.D.

*Drill Sergeants.*—Sergeant Brunton, late 78th Highlanders; Sergeant James Craig, late Paymaster-Sergeant 78th Highlanders.

*Instructor in Carpentry.*—Mr. Threlfall.

*Secretary and Bursar.*—Captain J. Robertson, late 78th Highlanders and 35th Royal Sussex Regiment.

## RUGBY SCHOOL.

MOTTO: "*Orando laborando.*"

This eminent seat of learning is situate in Warwickshire, and it was founded in 1567 by Lawrence Sheriff. The endowment available for division among Rugby School and the Lower School of Lawrence Sheriff, and the maintenance of their fabrics, and of the house property from which the income is derived, and of the Almshouses and Almsmen, is, in the gross, 5,633*l.* per ann. About 430 boys are educated at Rugby School, of whom about 25 are Free Foundationers, being the sons of persons resident in or within 5 miles of Rugby prior to, and continuously since, July 31st, 1868. The management is in all points in the hands of the Head Master, who holds office at the sole pleasure of the Governing Body. The fees are inclusive: Tuition, including Natural Science, Modern Languages, Drawing, Vocal Music, as well as Greek, Latin, English, Mathematics, and Scripture knowledge, 40*l.* per ann. Board, including free use of the two Sanatoria, 72*l.* per ann. There are six Exhibitions, 3 of 60*l.* and 3 of 30*l.*, tenable for five years at either University, and are awarded annually. Nine Scholarships, varying from 80*l.* to 20*l.*, are awarded annually, open to all boys under 15 years of age, tenable as long as the boy is in the School; Examination in Classics, Mathematics, Science, French, English, &c. The School course comprises instruction in Divinity, Greek, Latin, Mathematics, Modern Languages, Natural Science, History, Geography, English Literature, Vocal Music, and Drawing. Vocal Music and Drawing are taught to those boys whose parents or guardians desire it. The other subjects are compulsory, but with such exemptions as the Head Master may think fit to grant.

**DAY SCHOLARS.**—Day-boys are required always to sleep at home, but, with the consent of the Head Master, may have their meals regularly in Rugby, at any place approved by him.

**SCHOLARSHIPS.**—There is an election to the nine Scholarships every June. Major Scholarships: two Classical, 80*l.* a year each; two Classical, 50*l.* a year each; one Mathematical, 40*l.* a year. Minor Scholarships: one Classical, one Mathematical, one French, one Natural Science, 20*l.* a year each. Candidates must be under 15 years of age on July 1st. All Scholarships are tenable as long as a boy remains at the School. There is no

special work to be prepared. There is an allowance for age in the election to all Scholarships; and the papers will be set mainly with a view to well-taught boys between 13 and 14.

**EXHIBITIONS.**—There is an election to three Major Exhibitions and to four Minor Exhibitions each July; each Major Exhibition being of the value of 60*l.* a year, and each Minor Exhibition of 30*l.* a year. All Exhibitions are tenable for four years, provided the holder leave the School on being so elected, and pursue his studies at any University in the United Kingdom, or in any other place of special education, or elsewhere in preparation for any profession or occupation, subject to the approval of the Governing Body. All boys in the sixth form, who shall have been members of the School for not less than three years, including the term in which the Examination is held, are eligible for Exhibitions.

Many prizes have been founded. There is an observatory with curator, a gymnasium, a workshop, a swimming bath, a racquet court, &c.; a Reading Room and an Art Museum recently erected. Fagging, in a modified form, is part of the School system of self-government. Vacations, 15½ weeks. Sanitary inspection at least once every year, under the direction of the Governing Body.

**THE RUGBEIAN MEMORIAL TO ARCHBISHOP TAIT.**—The Rugbeians who were at Rugby during the headmastership of Archbishop Tait have started a fund in order to found a Scholarship in his memory, and 2,000*l.* has been raised for the purpose.

#### GOVERNING BODY.

*Chairman.*—The Lord Bishop of Worcester.

*Deputy-Chairman.*—The Lord Bishop of Exeter.

The Marquis of Hertford.

Lord Leigh, Lord Lieutenant of the County of Warwick.

Lord Norton.

The Rev. Dr. Bradley, Dean of Westminster.

The Rev. J. B. Mayor, Professor of Moral Philosophy, King's College, London.

Charles Newdigate Newdegate, Esq., M.P.

H. J. S. Smith Esq., Savilian Professor of Geometry, Oxford.

George K. Rickards, Esq., Counsel to the Speaker.

Sir R. R. W. Lingen, K.C.B., Permanent Secretary to the Treasury.

*Head Master.*—\*The Rev. T. W. Jex-Blake, D.D.

*Clerks.*—Messrs. E. Harris and G. V. Hefford.

#### *Assistant Masters.*

\*Rev. P. Bowden Smith, M.A.

Rev. C. E. Moberly, M.A.

\*†E. A. Scott, M.A.

\*Rev. C. Elsee, M.A.

Mons. Vecqueray

\*H. Lee Warner, M.A.

Rev. T. N. Hutchinson, M.A.

\*R. Whitelaw, M.A.

†W. Sargent, M.A.

\*Rev. W. C. Green, M.A.

G. G. Nutt, M.A.

Rev. F. D. Morice, M.A.

A. E. Donkin, M.A.

L. Cumming, M.A.

J. A. Rowdon Collins, M.A.

W. G. Michell, M.A.

†G. C. Macaulay, M.A.

C. G. Steel, M.A.

Rev. C. B. Hutchinson, M.A.

W. W. English, M.A.

C. H. Hodges, M.A.

W. P. Brooke, M.A.

\* Boarding-house Masters.

† Tutors of the Schoolhouse.

*Hon. Curator.*—G. M. Seabroke, F.R.A.S.

*Organist.*—E. Edwards, F.C.O.

*Music.*—A. Pettersson. *Drawing.*—G. Barnard and T. M. Lindsay.

*Laboratory Assistant.*—A. Percy Smith, F.C.S.

*School Marshal.*—Mr. Patey.

In 1878 was opened the Lower School of Lawrence Sheriffe, to afford instruction suitable to boys intended for commercial and other similar occupations, and also such as to qualify them for admission into Rugby School. Boys having foundation rights of free entrance to Rugby School pay half fees at the Lower or New School; other boys pay 8*l.* 8*s.* per ann. if under 12 years of age, 10*l.* 10*s.* per ann. if over 12. There are 82 boys in the Lower School, of whom 60 pay half fees. The Head Master of the Lower School appoints the Assistant Masters of this School, and is himself appointed by, and responsible to, the Head Master of Rugby School for the discipline and studies of this School. Head Master, H. T. Rhoades, M.A., and three Assistant Masters, besides Instructors in Chemistry, Drawing, Music, and Drill.



## S. PAUL'S SCHOOL,

S. PAUL'S CHURCHYARD, MERCER'S HALL.

This celebrated Public Schools was founded in 1512 by John Collet, D.D., Dean of S. Paul's, and son of Sir Henry Collet, twice Lord Mayor of London. The school is, however, supposed to have been opened in 1510, and the Apposilino Book gives its dedication "to the child Jesus," A.D. 1509. The existing school buildings were erected about the year 1823. The school will shortly be removed to the Cedars estate, West Kensington, where a fine site has been secured. The Foundation gave gratuitous education to one hundred and fifty-three children of all nations and countries, each paying at his first admission, once and for ever, fourpence, "wrytynge of his name;" each boy now pays one shilling on admission. The endowment consists of lands and tenements in London, and the income therefrom, including interest on Consols, is 10,000*l.* per annum. The property was conveyed to the Mercers' Company, who take an active interest in the welfare of the school, and who, under the new scheme, still retain a large representation upon the Governing Body. Under this new scheme the constitution of the school will be as follows, and will comprise:—1. A Classical school, to be called S. Paul's School, for about 500 boys. 2. A modern school, to be called S. Paul's Modern School, for about 500 boys. 3. A high school, or high schools, to be called Dean Collet's School, or Schools, for not less than 400 girls in all. All the pupils are day-scholars, but boys are received as boarders in some of the Masters' houses. All candidates for admission are expected to pass a preliminary Examination, graduated according to the age of the candidates; and no boy is allowed to remain in the school after he has attained his 19th year. The fee for tuition in the school is fixed at 20*l.* per annum. Each Governor has the privilege of nominating 1 candidate for admission every year. The course of instruction embraces Religious instruction,

and such instruction "shall be in accordance with the principles of the Church of England." In the Classical school are taught English, and Latin, and Greek Languages and Literatures; Arithmetic and Mathematics, History and Geography, Natural Science, French, German, Drawing, and Singing. In the Modern school Greek is omitted. Scholarships and Exhibitions:—Foundation Scholarships: There are 153 scholars on the Foundation, who are entitled to entire exemption from school fees. Vacancies on the Foundation are filled up at the commencement of each term in accordance with the result of a Competitive Examination. Candidates must be between 12 and 14 years of age. Capitation scholars are admitted on payment of 20*l.* per annum. School Exhibitions: The number and value of these are determined by the Governors from year to year. Keen Scholarship: This Scholarship is of the value of 30*l.*, tenable for 1 year, given to a scholar proceeding to Oxford or Cambridge for proficiency in Mathematics. University Exhibitions: In the University of Cambridge there are the following Exhibitions:—1. Five Exhibitions at Trinity, founded by Mr. Perry, in 1696, of the value of 13*l.* a year. 2. Two Exhibitions at S. John's, of the value of 10*l.* a year, for the sons of clergymen, founded by Dr. Gower in 1711. 3. An Exhibition founded by Mr. Stock in 1780 at Corpus Christi, of the yearly value of 30*l.* Given to a scholar recommended by the High Master. 4. Four Exhibitions in the same College, value 10*l.* a year each, founded by George Sykes, in 1766, consolidated now in 1 Exhibition, value 36*l.* a year. There are also the following school prizes:—The Sleath Prize; the Truro Prize; the Milton Prize; the Kynaston Prize. There is an excellent Library adjoining the school-room, and every year the High Master is allowed to add to the collection of books. The Mercers' Company have purchased 16 acres of land at West Kensington, near Addison Road station, at a cost of something over 40,000*l.*, and on this site buildings will be shortly erected for this celebrated school. The school is open to all. The numbers are increasing, and the staff of Masters has been doubled. The High Master's house has been turned into class-rooms. There are now 163 boys in the school, and provision will be made for 1,000 boys in the new buildings to be erected. Of these 153 will be on the Foundation, elected thereto by open competition. The school is, and will remain, a day-school.

The Governing Body are the Right Hon. Lord Selborne, 30, Portland Place, W., and 20 other members.

*High Master.*—F. W. Walker, M.A., late Fellow and Tutor of Corpus Christi College, Oxford; Public Examiner in the University of Oxford, 1868.

*Sur-Master.*—Rev. J. H. Lupton, M.A.

*Third Master.*—Rev. J. W. Shepard, M.A.

*Fourth Master.*—Rev. R. B. Gardiner, M.A.

*Assistant Classical Masters.*—C. M. Cook, M.A.; J. R. V. Marchant, M.A.; J. E. Melhuish, M.A.; W. G. Rutherford, M.A.; J. M. Schulhof.

*Mathematical.*—C. Pendlebury, M.A.

*Science.*—G. Stallard, B.A.

*French Master.*—L. P. Blouet, B.A.

*Art Master.*—R. Harris.

*Secretary and Librarian.*—S. Bewsher.



## ROYAL SCHOOL OF ST. PETER'S, YORK.

This School was founded in the reign of Philip and Mary, 1557, and has an endowment of 1,300*l*. At present there are 170 pupils in attendance, 80 boarders and 90 day-boys. Upon the authority of the late Mr. Davies, a reliable York antiquary, Guy Faux was a pupil at this School, and Thomas Morton, Bishop of Durham, was also educated at this School. It is the Grammar School of the Cathedral Church of York, and is under the government of the Dean and Chapter. The course of education in the general School comprises Religious instruction; the English, Latin, Greek, French, and German Languages; Mathematics, Natural Science, History, Geography, and English Literature.

In the Civil and Military Department the course of instruction embraces the following subjects: English, Latin, French and German Languages, Arithmetic, Theoretical and Practical Mathematics (including, when desired, Surveying, Fortification, and Navigation), History, Geography, and Natural Science. The boys in this department are admitted as boarders in the same houses with the other boys.

**SCHOLARSHIPS.**—Two foundation scholars and two free scholars are elected annually in July, from among boys who have been in the School at least from September of the preceding year, and have not completed their 15th year on the first day of January previous to the examination. The foundation scholars receive free board and education, and the free scholars free education for four years.

**EXHIBITIONS.**—One exhibitioner is elected annually in July, and is at liberty to proceed to any College of the Universities of Oxford, Cambridge, or Durham. Candidates must have been in the School for at least two years immediately preceding the examination, and must not have completed their nineteenth year on the first day of January previous to the examination.

The examination for the above Scholarships and Exhibitions is conducted by a Graduate or Graduates of one of the Universities, appointed annually by the Dean and Chapter; and candidates are not eligible without a certificate of good conduct from the Head Master.

**THE LADY E. HASTINGS' EXHIBITIONS.**—These Exhibitions are appropriated to certain Schools in the North of England (of which St Peter's School is one), each of which has the privilege of sending two candidates for each vacancy. Four or five of these Exhibitions are filled up in each year. The value of each Exhibition is 90*l*. per annum, and all are tenable for five years. Each candidate must have been educated at the school from which he is sent for two years previously. The examination takes place at Queen's College, Oxford, at which the successful candidate must enter; and the Provost and Fellows are authorized to pay a sum not exceeding 5*l*. to the six best unsuccessful candidates, for the purpose of defraying their expenses.

The School year is divided into three terms. The holidays are twelve weeks in the year.

At the end of the year there is a general examination of the School by the Head Master and other Masters; and at Midsummer the School is examined by Examiners specially appointed by the Dean and Chapter.



His Grace the Lord Archbishop of York and the Very Rev. the Dean of York give annual prizes.

**TERMS.**—The fee for education is 13 guineas per annum in the Upper School (including the four highest forms) and in the Civil and Military Department, and 11 guineas in the Lower School. The terms per annum of the extra Masters are as follows: for Drawing, 3*l.* 3*s.*; for Painting in Water Colours (including Drawing), 5*l.* 5*s.*; Pianoforte Music (including use of instrument), 7*l.* 7*s.*; Drilling, 1*l.* 4*s.* Special Lectures in Chemistry and Natural Philosophy, 3*l.* 3*s.*

**BOARDING.**—The Masters who receive boarders, under the sanction of the Dean and Chapter, are the following:—Rev. H. M. Stephenson, terms 52*l.* 10*s.* per annum; Rev. H. L. Clarke, terms 52*l.* 10*s.* per annum.

Washing, 4 guineas per annum. Choir and Instruction in Part Singing, with seat in chapel, 1*l.*

*Head Master.*—Rev. H. M. Stephenson, M.A., late Fellow of Christ's College, Cambridge.

*Second Classical Master.*—F. M. Scargill, M.A.

*Third Classical Master.*—G. Yeld, M.A.

*Fourth Classical Master.*—J. S. Atkinson, M.A.

*Fifth Classical Master.*—J. L. Freeman, M.A.

*Sixth Classical Master.*—Rev. W. O. F. Campbell.

*Mathematical and Natural Science Master.*—Rev. H. L. Clarke, M.A.

*Civil and Military Department.*—Rev. W. Routh, M.A. (First Master); A. W. Hales (Second Master).

*French and German.*—J. Travis.

*Organist and Choir Master.*—E. G. Monk, Mus. Doc.

*Special Lecturer in Chemistry and Natural Philosophy.*—Rev. H. L. Clarke.

*Extra Masters.*—W. J. Boddy (Drawing); W. Barnby (Music); Sergt. Kinneavey (Drilling).

## SHERBORNE SCHOOL,

SHERBORNE, DORSET.

This well-known School was refounded in 1550, by King Edward VI. Endowment, 1,233*l.* per annum. The School buildings, which are among the most beautiful in England, comprise the remains of the Benedictine Monastery, to which large additions have been made in recent years, the ancient style of architecture being preserved. Instruction is given to about 325 boys, 30 being day-pupils. A new scheme for the management of the school was settled by the Endowed Schools Commissioners in 1871. The object of the foundation remains as before, to supply a liberal education in accordance with the principles of the Church of England. The subjects of "secular instruction" are prescribed to be—English, Latin, and Greek Languages and Literature, Arithmetic and Mathematics, Geography and History, Physical Science, at least 1 Foreign European Language, Drawing, Vocal Music. Boys are admitted upon the Modern side without Greek, provided they are sufficiently advanced in Latin, Mathematics, and French. Special provision is made for the preparation of boys for Woolwich, Sandhurst, and other public Examinations. There

is an entrance Examination, graduated according to age. The charge for tuition is 22*l.* 10*s.*, per annum, and an entrance fee of 2 guineas paid to the Building Fund. Boarders are received by the Masters, at the charge of 75 guineas a year, which includes tuition fees. There is a School Chapel, and the Head Master holds the office of Chaplain. There is at present 1 Exhibition vacant each year, of the value of 40*l.* per annum, tenable for 4 years, at either University, for which all boys are eligible who have been at the school for the 2 years preceding the election. There are 10 foundation Scholarships paying the whole tuition fee, tenable for 2 years, the holder being re-eligible, and 3 old Shirburnian Scholarships worth 20 guineas, and tenable for 1 year; the "Houghton Cardew" (15*l.*), for encouraging the study of Scripture in the original languages; the "Leweston" (10*l.* in books), for Scholarship; the "Parsons," of the same value, for Divinity; the "Lister (3*l.*) for German; the "Digby Prizes," for Modern subjects; the "King's Medals," for Classics and Mathematics; and other smaller prizes. Sherborne is also one of 4 schools which send competitors for the Huish Exhibitions. There is a preparatory school for little boys very near the school. W. H. Blake, M.A., the Master of it, receives boarders at the charge of 72*l.* a year. The year is divided into 3 equal terms, with 15 weeks' holidays. There are Governors, with a Chairman.

*Head Master*.—Rev. Edward Mallet Young, M.A., late Fellow of Trinity College, Cambridge.

*Assistant Masters.*

Rev. Alfred Charles Clapin, M.A.

\*Rev. Alexander Wood, M.A.

\*Rev. Hugh Penderel Price, M.A.

\*Rev. John Blanch, M.A.

\*Thomas Ward Wilson, M.A.

Edward Cleminshaw, M.A.

Charles Selby Whitehead, M.A.

Tancred Earle Raven, M.A.

William Beauchamp Wildman,  
M.A.

\*James Rhoades, M.A.

Edward Hawtrey Donkin, M.A.

Herr Otto Delfs.

Charles Herbert Hodgson, B.A.

Rev. Henry Charles Clifton, M.A.

M. C. Ll. Griffith, B.A.

*Preparatory School.*

W. H. Blake, Esq., M.A.

A. Hawken.

*Drawing*.—A. D. Longmuir.

*Music*.—L. N. Parker, A.R.A.M.; C. Regan, A.R.A.M.

## SHREWSBURY SCHOOL,

SHREWSBURY, SALOP.

This important and flourishing Public School was founded in the reign of King Edward VI., A.D. 1551, in order to supply the void caused by the dissolution of the Monasteries and of the Seminaries dependent on them, when the King granted the tithes of several prebendal livings associated with the two dissolved Collegiate Churches of S. Mary and S. Chad, for the endowment of a Royal Free Grammar School to be called the

\* Boarders are received in the Head Master's house and in the houses of those Assistant Masters to whose name an asterisk is prefixed.

“*Libera Schola Grammaticalis Regis Edvardi Sexti.*” Before the School could be opened King Edward died, and it was in abeyance during the reign of Mary, and was not actually opened until 1562, when Queen Elizabeth added considerably to the endowment in 1571 by the valuable tithes of the Rectory of Chirbury and other ecclesiastical property, at the suggestion of the first Head Master, “the excellent” Thomas Aston or Ashton, sometime Fellow of S. John’s College, Cambridge, who, during the short period of his Mastership, entered 875 scholars, amongst whom were Sir Philip Sidney, Fulk Greville (Lord Brock). Of Ashton’s pupils 238 only were town boys (*oppidans*), the rest are called *alieni*. The Right Honourable Gathorne Hardy, the distinguished statesman to whom the author dedicated this work in 1872, who was raised to the Peerage in 1878 with the title of Viscount Cranbrook of Hemsted, having held the important posts of Secretary of State for War and Chief Secretary of State for India, proceeded from this school to Oriel College, Oxford, where he was second class in Classics, and graduated B.A. in 1836, and was made an Hon. D.C.L. of that University in 1866.

New and extensive buildings have been recently completed and opened. The site now occupied by the school premises was fixed upon by the governing body after much and anxious deliberation, and the 26 acres occupied by it secure ample provision both for playing fields and increased house accommodation. The main school building stands, flanked on one hand by the Head Master’s house, on the other by the Chapel, at the top of a high bank overlooking the Severn where it leaves the famous Quarry Walk. The school boathouse is immediately below, and the view in every direction is picturesque in the extreme. Near the southern boundary fence two masters’ houses have been built. The cricket-field, on which a considerable amount has already been spent, occupies a large space south and west of the school buildings, thus affording facilities for cricket and football on the one side of the site, as the river does for boating on the other.

The endowment of this school is about 3,100*l.* per annum. Instruction is given to about 120 boarders, whose total expenses vary from 90*l.* to 120*l.* per annum each, and about 60 day-boys, who pay 21*l.* per annum each. The school contains 15 sons of burgesses who are entitled to gratuitous education. Boys are admitted by Examination, under the direction of the Head Master, in Latin, English, Arithmetic, and other subjects taught in the school. The Examiners are appointed by the governing body. Any boy may be a candidate for election on the foundation, who has not passed his 15th birthday, and all boys on the foundation have the instruction of the school free of charge. There are 3 vacations in the year, the school terms being of equal length.

In 1798 an Act was passed by which the government of the school was vested in a body of 12 trustees, together with the Mayor of Shrewsbury for the time being. These trustees were to be possessed of a certain property qualification, and were required to be resident in the county of Salop. On the occurrence of a vacancy the remainder of the trustees were to elect three persons proper to fill it, and out of these the Corporation of Shrewsbury were to choose one. The Mayor was to be the chairman, and to have a second or casting vote at all meetings. The right of St. John’s College to appoint the head master was retained; the preference formerly given to burgesses of Shrewsbury was done away with.

The period succeeding the Act of 1798 is without doubt one of the

most remarkable in the history of the school. From the appointment of Dr. Butler to the headmastership in 1798, the number of boys rose steadily, but never reached a higher total than 300. The average number of Dr. Butler's pupils was certainly under 200, of Dr. Kennedy's pupils, from 1836-1866, not over 150. A comparison of these numbers with those of the other public schools will show that this school has been among the smallest. As regards the number of boys proceeding to the Universities, in 1861 Shrewsbury took the 4th place (of the nine schools) at Cambridge, and the eighth at Oxford. In the course of the 20 years ending 1861, the school obtained at Oxford, in final examinations, four first classes in Classics, and two in Natural Science, and three first classes in Moderations, also three University Scholarships (Craven, Ireland, Hereford), eight University prizes (poems and essays), and one Eldon Law Scholarship. At Cambridge in the same time they gained 27 first classes in the Classical Tripos, and 11 in the Mathematical Tripos, eight Chancellor's medals, five University Scholarships, 15 Porson prizes, six Greek odes, and about 20 other medals and prizes. Within the same period 18 Shrewsbury men obtained College Fellowships at Oxford, of whom seven were engaged in the tuition of their colleges; while at Cambridge 30 Fellowships were gained, and 14 of the holders were tutors or lecturers. The report of the Commission makes the following remark upon these facts:—"The extent to which this small school contributes to the teaching power of the Universities is not a little remarkable." The distinctions gained in the 20 years preceding 1841 were not less in number or importance. Since 1861, at Oxford five first classes have been gained in the final schools, 17 in Moderations, five University Scholarships. At Cambridge, in the Classical Tripos 30 first classes, in the Mathematical Tripos three, three Chancellor's medals, 13 University Scholarships, 15 Porson prizes, 32 medals for Greek and Latin odes, poems, and epigrams. There have been besides many instances of honourable mention in various competitions. In the present year the second and third in the first class of the Classical Tripos at Cambridge were alumni of Shrewsbury, as was also the winner of the Porson prize. Sixty-six Porson prizes have now been adjudged in all, of which 37 have been awarded to Shrewsbury men.

The following subjects are taught—Religious Knowledge, Classics, Arithmetic, Mathematics, Natural Science, History, Geography, English, either French or German, and either Drawing or Music. Every boy is taught Natural Science. The boys attending Shrewsbury School consist of boarders and day-scholars. The former board with the Head Master and Senior Classical Master; the latter live with their parents. There are 32 Exhibitions or Scholarships, to which boys from this school have a claim, varying in value from 10*l.* to 63*l.* per annum, tenable at Oxford and Cambridge from 3 to 8 years; and 11 University Scholarships at Oxford or Cambridge have been gained by the school since 1868. Scholarships or Exhibitions open to all boys in the school, and tenable at any College or Hall in the University of Oxford or of Cambridge: 4 Exhibitions of 63*l.* a year, founded by Dr. Millington; 1 Exhibition of 60*l.* a year, founded by the Rev. James Millington; 2 Exhibitions of 35*l.* a year; 2 Oswald Smyth's Exhibitions of 36*l.* a year; 1 Exhibition of 23*l.* a year, founded by Dr. Taylor; 1 Exhibition of 40*l.* a year, founded by Dr. Matthews. Other Exhibitions open to all boys in the school: 1 Exhibition of 17*l.* 10*s.* a year, tenable at S. John's College, Cambridge; 1 Exhibition of 10*l.* a year, founded by Mrs. Nonely, tenable at any



College in the University of Oxford. Exhibitions with preference to natives of Shropshire: 1 Exhibition of about 35*l.* a year, founded by Mr. Podmore, tenable at Trinity College, Cambridge; 4 Careswell Exhibitions of 60*l.* a year, tenable at Christ Church, Oxford. 14 other Careswell Exhibitions of 60*l.* are open to Shropshire boys in Shrewsbury School in default of candidates from the 5 other schools to which preference is given. Most of these Exhibitions are at present held by Shrewsbury men. The Careswell prize of 100*l.* is annually open to all candidates from the 6 schools without preference.

Shrewsbury School is one of the nine schools named in Her Majesty's Public School Commission, and one of the seven specified in the Public School Act of 1868. The present Governors are—

*Chairman.*—The Earl of Powis.

|                                                                    |                                   |
|--------------------------------------------------------------------|-----------------------------------|
| The Bishop of Manchester.                                          | Professor E. C. Clark, Cambridge. |
| Sir James Paget.                                                   | Mr. J. T. Hibbert, M.P.           |
| The Masters of Balliol College, Oxford, and St. John's, Cambridge. | Mr. J. Bather.                    |
| The Principal of Jesus, Oxford.                                    | Rev. W. G. Humphry.               |
|                                                                    | Rev. T. B. Lloyd.                 |

Of these, the Bishop and the five last named were educated at the school.

*Head Master.*—Rev. H. W. Moss, M.A., late Fellow and Lecturer of S. John's College, Cambridge.

*Senior Classical Assistant Master.*—Rev. G. T. Hall, M.A., late Scholar of Trinity College, Cambridge.

*Classical Masters.*—Rev. C. J. S. Churchill, M.A.; A. H. Gilkes, B.A.; E. B. Moser, B.A.

*Mathematical Masters.*—J. Tillard; G. H. Lock, M.A.; Rev. H. C. Delevingne, M.A.

*Modern Languages.*—T. A. Bentley. *Writing.*—Thomas Webster.

## TONBRIDGE SCHOOL,

TONBRIDGE, KENT.

SIR ANDREW JUDD'S SCHOOL.—Chartered by King Edward VI., A.D. 1553. Endowment, 5,500*l.*, buildings, playground, and houses. At this well-known school, pupils are prepared for Universities, Civil Services, Woolwich, Engineering, etc. Instruction in English, Latin, Greek, French, German. There are excellent Workshops for technical subjects. There are 200 pupils, 125 of whom are boarders. Foundationers are those of whom the parents, or persons occupying the place of parents, reside within 10 miles by the ordinary roads and ways from Tonbridge Parish Church. Private tuition is exceptional, and intended to meet exceptional circumstances. For private tuition and other optional expenses the previous consent of the parent, in writing, is necessary. The object of the workshops is to give boys a practical acquaintance with the



nature of wood and of metals, and to train them in the use of tools in carpentry and in forging, turning, and fitting.

**FEEs.**—Registration, 5*s.*; entrance, 3*l.* Tuition: Foundationers, 18*l.*; non-foundationers, 27*l.* Boarding, etc., fee: Boys under 14, 60*l.*; boys over 14, 66*l.* Laundress, 3*l.* Optional expenses: Private study, in some houses, if required, 3*l.*; instrumental music, organ or piano, 6*l.*; violin, 9*l.* 9*s.*; instruction in workshops, with use of tools, etc., 3*l.*; drilling, 1*l.* 2*s.* 6*d.* The games subscription is for the Upper School 1*l.* 1*s.*, and for the Lower School 15*s.*

**BOARDING HOUSES.**—Boarders are taken by the Rev. Theo. B. Rowe, M.A., the Head Master, School House; the Rev. J. R. Little, M.A., Assistant Master, Park House; Owen Ilbert, Esq., M.A. Assistant Master, Hillside; the Rev. A. Lucas, M.A., Assistant Master, Parkside; the Rev. J. A. Babington, M.A., Assistant Master, Judd House. The arrangements in all these houses are similar, except that some houses have a certain number of private studies for the use of those who desire them. For day-boys who reside at a distance from the School, for dinner in hall in a Master's house, the payment is 5*l.* a term; for dinner and breakfast, 7*l.* a term.

The subjects of Instruction in the School are—Religious Instruction in accordance with the doctrines of the Church of England, the usual English subjects, Latin, Greek, Mathematics, Natural Science, French, German, Drawing, and Vocal Music. The School consists of the Lower School, comprising the three lowest forms. In these the instruction is the same for all boys, and consists chiefly of English, the elements of Latin and French, Arithmetic, the elements of Algebra and Geometry, Drawing, and Vocal Music. Above this, the Upper School branches off into two departments. The education given on the Classical side is such as is usual at Public Schools, and is designed to prepare for the University and similar Examinations. The education given on the Modern side is more special, and is intended to prepare for the Civil and Military Services and those professions, etc., which do not require a University degree. Boys who choose the Modern side omit Greek and Verse Composition, and devote the time so gained to German, English Literature, additional Mathematics, additional Natural Science, and Geometrical Drawing. In Latin, French, and all English Lessons, and in Mathematics, the two sides are classed together and work together, so as to preserve the unity of the School, and to give all an equal opportunity of rising to the highest positions. The names of boys of the Modern side are distinguished in the School list by being printed a little to the right. All Scholarships, Exhibitions, and other advantages of the School are open to them equally with boys on the Classical side.

**ARMY CLASS.**—There is a special Military Class under Mr. Hilary, Mr. Berncastel, and Mr. Babington, for those who are preparing for the Army, Sandhurst, Woolwich, etc.

Natural Science is taught throughout the Middle Division of the School, and in the Upper Division to those who desire it,—the boys in the Upper Division receiving, in addition to their class-work, practical instruction in Analysis in the Laboratories. The Governors have under consideration the erection of new laboratories, class rooms, and other buildings, as required by the new scheme.

**REGULATIONS.**—The boys attend in the School Chapel every morning and on Sunday afternoon. Boys are admissible to the School at the age

of 10, and may remain (their conduct and progress being satisfactory) until the end of the term in which they are 19; for any further stay special permission is required. Application for admission should be made on a form which will be supplied. A certificate of good character from the last School or Tutor will be required before admission. An entrance Examination, graduated according to age, will be held on the first day of each term, and at other times if required. A knowledge of the elements of Latin Grammar, and of the outlines of the Geography of England, with some Arithmetic, will be required.

**SCHOLARSHIPS TENABLE IN THE SCHOOL.**—(a) Foundation Scholarships, not less than three, consisting in exemption from the School tuition fee, and renewable to the holder so long as he remains at School, subject to re-examination at the end of two years to see whether he has maintained a satisfactory standard of acquirement. (b) The Judd Scholarship of 40*l.* for four years, tenable with a Foundation Scholarship. (c) House Scholarships, from two to five, at the discretion of the Head Master, upon the results of the Examination; tenable with a Foundation Scholarship, but not with the Judd Scholarship, in any boarding house in which there is a vacancy, and so long as the boy remains at School. All Scholarships are tenable subject to good conduct. The value to the Scholars, the tuition fee being 27*l.*, will be, to the first, 67*l.* a year; to the other Foundation Scholars, 40*l.* a year; to other House Scholars, 20*l.* a year. To residents within 10 miles, the value of the Foundation Scholarships is 9*l.* less, as the tuition fee is 9*l.* less.

**EXHIBITIONS FROM THE SCHOOL.**—Four Exhibitions are awarded annually to boys about to leave the School at the July Examination, viz.:—One Exhibition of 90*l.*, one Exhibition of 80*l.*, one Exhibition of 70*l.*, one Exhibition of 60*l.*, all tenable for four years, tenable at any University, recognised Medical School, or approved Agricultural College within the United Kingdom, at the Royal Academies, at the Royal School of Mines, at South Kensington, at Woolwich, at Sandhurst, at Cooper's Hill, and at such other places of higher education as the Governors may approve. Any boy who is being, and has for not less than three years been, educated at the School, whether foundationer or non-foundationer, and whether on the Classical or on the Modern side, may compete. The Scholars of Tonbridge School are also eligible to the following Exhibitions:—Six Exhibitions of 18*l.* per annum, founded by Sir Thomas Smythe, tenable at any College of either University, in the gift of the Governors of Tonbridge School; one Scholarship of 100*l.* per annum, founded by Sir Thomas Whyte, at St. John's College, Oxford, awarded by the Master and Fellows of St. John's; one Exhibition of 29*l.* 6*s.* 6*d.* per annum, founded by Mr. Henry Fisher, at Brasenose College, Oxford, in the gift of the Governors of Tonbridge School; one Exhibition of 2*l.* 13*s.* 4*d.* per annum, founded by Mr. Thomas Lampard, in the gift of the Churchwardens of Tonbridge.

### GOVERNORS.

**THE MASTER, WARDENS, AND COURT OF ASSISTANTS OF THE WORKSHIPFUL COMPANY OF SKINNERS.**

*Head Master.*—Rev. Theo. B. Rowe, M.A., late Fellow of St. John's College, Cambridge.

*Assistant Masters.*

Rev. J. R. Little, M.A.  
 W. J. D. Bryant.  
 W. G. Toope, B.A.  
 Owen Ilbert, M.A.  
 Rev. A. Lucas, M.A.

W. O. Hughes-Hughes, M.A.  
 Rev. J. A. Babington, M.A.  
 H. Hilary, M.A.  
 E. H. Goggs, M.A.  
 W. T. Goolden, M.A.

*Master in Modern Languages.*—J. Berncastel.

*Drawing Master.*—J. B. Williamson.

*Choir Masters.*—H. Hayden (Organist); E. Faning, Professor of A.R.A. Music (Conductor); Herr Korufeld (Violin).

*Drilling Master*—Sergeant James Andrews, late 2nd Queen's Regt.

*Teacher in Workshops.*—Mr. Streeter (under the superintendence of W. O. Hughes-Hughes).

UNIVERSITY COLLEGE SCHOOL, LONDON.—See SECTION III.

## UPPINGHAM SCHOOL, UPPINGHAM, RUTLAND.

Uppingham School, or Archdeacon Johnson's School, is a well-known First Grade School, and was founded in 1584. Endowment, about 1,100*l.* per annum. Preparation for the Universities, to about 325 boarders, at 110*l.* per annum, and day-scholars from 8 years old, the latter paying from 30*l.* to 40*l.* per annum, and extras. There are 3 Exhibitions every year vacant, tenable at some University, or other place of learned, scientific, or professional education, for 3 years, or 3½ years, of the value respectively of 60*l.*, 50*l.*, and 40*l.* There are also 16 Exhibitions at the following colleges in Cambridge: S. John's, Clare, Emmanuel, and Sidney Sussex; 4 at each, about 30*l.* per annum, to which scholars from Uppingham and Oakham have the preference. The Trustees assign out of the tuition fees 130*l.* annually for prizes. The Uppingham Scholarships are—2 of the value of 50*l.* per annum each; 2 of the value of 30*l.* per annum each, tenable at the school for 3 years; also 2 Scholarships of the value of 25*l.* per annum each, tenable for 2 years at either Oakham or Uppingham School, and open to competition. Vacations, 16 weeks.

*Head Master.*—Rev. E. Thring, M.A., King's College, Cambridge.

*Chaplain.*—Rev. G. Christian, M.A., Balliol College, Oxford.

*Master of the Lower School.*—Rev. W. Vale Bagshawe, M.A., Trinity College, Cambridge.

*Assistant Masters (Classics and Mathematics).*

Howard Candler, M.A.  
 Rev. W. Campbell, M.A.  
 Rev. G. H. Mullins, M.A.  
 Rev. G. Christian, M.A.  
 S. Haslam, B.A.  
 Rev. Alfred J. Tuck, M.A.  
 C. W. Cobb, B.A.  
 Rev. J. H. Skrine, M.A.  
 W. d'Auvergne Barnard, B.A.

Walter C. Perry, B.A.  
 Rev. W. C. Compton, M.A.  
 Rev. George T. Handford, M.A.  
 J. Gale Thring, B.A.  
 P. H. Fernandez, M.A.  
 G. L. Stevens, B.A.  
 W. A. Cunningham, B.A.  
 H. V. Pears, B.A.  
 R. Nesbitt, B.A.

*Modern Subjects.**German Master.*—Dr. Heun.*French Master.*—E. B. Wauton.*Assistant French Master.*—Monsieur E. I. Rouge, B.A.*Music Masters.*—Herr P. David ; Herr S. Fricker ; Herr C. Zeisberg ;  
Herr W. Richter ; Herr O. Oberholzer.*Drawing and Painting.*—Charles Rossiter.*Gymnasium and Fencing.*—Herr Beisiegel.*Sanitary Officer of the School.*—T. Bell, L.R.C.P., Lond.*Science and Mechanics.**Science Master.*—C. H. Hinton, B.A.*Teacher of Forge and Metal Work.*—J. Lee.*Teacher of Turning, Carpentry, etc.*—A. Dick.*Matron of the Sanatorium.*—Miss Godwin.

## WELLINGTON COLLEGE, NEAR WOKINGHAM, BERKSHIRE.

Wellington College was founded in 1853, by Royal Charter, from public subscription raised in honour of the memory of the great Duke of Wellington, for the education of the sons of deceased Officers, who shall have borne commissions in Her Majesty's Army, or in the army of the Hon. East India Company. Non-Foundations are also received, and are eligible to all Scholarships. No distinction is observed in the College between Foundationers and non-Foundationers.

**FOUNDATION.**—None other but the sons of officers who, within five years of their death, had been either on full or half-pay, are eligible for admission on the *Foundation*. No boy can be elected to the *Foundation* below the age of 9 years, or above the age of 12. The age of the candidate is reckoned by the date of election by the Governors, and the election is in every case conditional on the boy's passing the entrance examination. Boys on election are admitted into Preparatory Schools on passing the prescribed standards of examination. No boy can ordinarily be allowed to remain in a Preparatory School beyond the age of 12 ; nor, under any circumstances, beyond the age of 13 ; in the Lower School, 14½ ; Middle School, 16 ; Lower V. (Classical School) or Lower I. (Mathematical School), 17 ; and in the Upper V. and Upper I. beyond 18. No boy can remain in the School beyond the age of 19.

Foundationers are elected by the Governors present at half-yearly meetings held for that purpose in March and June in each year.

The charge for a boy on the *Foundation* is 10*l.* a-year.

The Royal Commissioners of the Patriotic Fund have the privilege of having always 18 boys of their nomination, sons of deceased Officers of Her Majesty's Army, on the *Foundation* of the College, subject to a payment of 5*l.* a-year each boy.

Boys are admitted as Non-Foundationers at 11*l.* per annum. A limited number (not to exceed 80) are admitted at 8*l.* per annum. These must



I. The education in the Classical Department is not limited to any special or professional purpose, but is classical and general upon the Public School system, comprising English, Greek, Latin, at least one Modern Language (French until the Fifth Form, after that German is added to or substituted for it), Mathematics and Natural Science. All these subjects form regular portions of the School-work, *i.e.* (1) they are all taught within the proper limits of School hours; (2) they are encouraged in the same way, and pro-



iciency in each of them advances a boy's place in the School ; (3) none are extras in the School accounts. Boys are classified and taught in Mathematics, Natural Science, and Modern Languages according to their proficiency in those subjects.

Boys in the higher forms of this Department are supposed to be preparing for University Examinations ; *i.e.*, either for entrance at the University, or for the "Leaving Certificate" given in the School Examination by the Oxford and Cambridge Schools Examination Board.

II. The education in the Mathematical Department differs from that in the Classical mainly in these respects :—

1. The amount of time given to Mathematics is largely increased, and that subject has the preponderating weight in deciding promotions.

2. Both French and German are taught simultaneously, and the time given to them is considerably increased.

3. Greek is entirely dropped, and Latin diminished.

The purpose of this Department is mainly to prepare boys for Woolwich, and other Examinations in which special stress is laid on Mathematics, and which do not require Greek.

Boys can enter either Department on their admission to the School, if there is room in a form suited to their age and capacity ; or they can be transferred from one to the other at any time subsequently, with six months' notice, or at a shorter notice if there is room.

If a boy is doing well in Classics, it is usually better that he should stay in the Classical Department till he has reached the Upper School. In any case it is strongly advised that boys should not be placed in the Mathematical Department until it is quite clear that the education in it is the one best adapted for their future career, and that they have sufficient Mathematical aptitude to profit by it.

Natural Science is taught regularly in *both* Departments of the Upper and Middle School.

Drawing and Singing are taught to all boys in the Lower and Middle School, and boys in the Upper School have the opportunity of continuing them if they wish it.

His Royal Highness the Prince of Wales presided at a special meeting of the Governors held at Marlborough House on the 30th May, 1883, when the report of the Governors for 1882, together with the accounts, was issued as a parliamentary paper. The Governors state that during the year 1882 the average number of Foundationers being educated at the College was 80, the number on the 31st of December, 1882, being 81 ; that the number of non-Foundationers attending the College during the like period was 336, of whom 256 were admitted at the full rate of charge, and 80 were admitted at the reduced rate of 80*l.* per annum. They further report that the number of boys on the foundation has been increased from 80 to 82. The accounts show that the expenditure on capital account up to the close of the year was 255,060*l.* 15*s.* The revenue statement shows an income of 33,931*l.* 10*s.* 1*d.*, and an expenditure of 27,053*l.* 3*s.* 8*d.* ; balance, 6,878*l.* 6*s.* 5*d.* The profit and loss account exhibits a balance of 62,550*l.* 19*s.* 1*d.* The endowment fund amounts to 106,150*l.*, the prize fund to 3,084*l.* 19*s.* 9*d.* principal and 147*l.* 13*s.* 2*d.* interest, and the Durand Scholarship to 1,602*l.* 15*s.* 5*d.* principal, and 75*l.* interest. His Royal Highness the Duke of Cambridge distributed the prizes on the 28th June, 1883.

The Rev. C. W. Penny receives in his house 30 boarders, who are in all respects members of the College. Terms, 130*l.* a-year.

The Rev. P. H. Kempthorne also receives 30 boys in his house. Terms, 130*l*.

W. J. Toye, M.A., also receives 30 boys in his house. Terms, 130*l*.

The Rev. W. C. Wood also receives 15 boys in his house. Terms, 130*l*.

J. G. Barford, Esq., the Medical Officer, also receives 6 boarders in his house.

The Rev. J. H. D. Matthews receives 30 boys.

Dormitories in College. Terms, 110*l*. a-year.

*Visitor*.—Her Most Gracious Majesty the Queen.

*President*.—H.R.H. the Prince of Wales, K.G., with one Vice-President and 30 Governors.

*Secretary*.—J. F. Chance, Esq., Treasury, Whitehall, London, S.W.

*Head Master*.—Rev. E. C. Wickham, M.A., late Fellow and Tutor of New College, Oxford.

*Tutors and Assistant Masters.*

Rev. C. W. Penny, M.A., F.L.S.

Rev. S. N. Tebbs, B.D.

Rev. P. H. Kempthorne, M.A.

Rev. J. H. D. Matthews, M.A.

Rev. E. Davenport, M.A.

W. J. Toye, M.A.

C. H. Lane, M.A.

Rev. A. Irving, B.Sc., B.A.

Rev. W. Cecil Wood, M.A.

S. A. Saunder, M.A.

E. K. Purnell, M.A.

Rev. W. Goodchild, M.A.

H. C. Steel, B.A.

T. A. Rogers, B.A.

J. L. Bevir, B.A.

A. E. Allcock, M.A.

H. A. Bull, M.A.

F. J. Tuck, M.A.

H. W. Brougham, B.A.

E. A. Upcott, B.A.

H. F. Newall, B.A.

H. Awdry, M.A.

C. H. Allcock, M.A.

A. A. Somerville, B.A.

C. Lowry, B.A.

W. S. Robinson, B.A.

A. I. Calais, B.-ès-L. (French).

*Drawing Master*.—H. A. Owen Hagreen, B.A.

*Singing and Music Master*.—Vacant.

*Medical Officer*.—J. G. Barford.

*Assistant Medical Officer*.—W. G. Ellis.

## WESTMINSTER SCHOOL,

OTHERWISE CALLED S. PETER'S COLLEGE, WESTMINSTER.

LITTLE DEAN'S YARD, WESTMINSTER.

MOTTO.—“*Dat Deus incrementum.*”

This ancient seat of education, which ranks among the first of the foundation Schools of England, and which has produced Scholars of the greatest eminence, was founded by Queen Elizabeth in 1560, for the free education of 40 Scholars in Latin, Greek, and Hebrew, in connexion with the Collegiate Church of S. Peter's, Westminster. This was a Chapter School until 1868, then by Public Schools Act a separate corporate body. It affords instruction to about 225 boys, 110 boarders and 115 day-boys. The Foundation

of Queen Elizabeth consists of 40 boys, called "Queen's Scholars." The admission is by open competition to vacancies, which average 10 or more yearly, and are chiefly filled up at Whitsuntide in each year. The admission to the Foundation is dependent on proficiency. The Examinations for the Foundations are held between Christmas and Whitsuntide. There is no restriction in respect of birthplace; but Candidates are by the Statutes required ordinarily to have been a year previously in the School. They must be under the age of 15 on March 25th of the year of admission, and usually remain 4 years in College before presenting themselves for election to the Universities. The Queen's Scholars hold their Scholarships subject to an annual Examination, in which any Scholar failing to satisfy the Examiners of his industry and progress in study, may forfeit his place on the Foundation.

The fixed expenses of a Queen's Scholar are 30*l.* annually, payable half-yearly in advance, at Whitsuntide and Christmas. This charge includes maintenance, as well as tuition in all branches of study, except those which are mentioned below as extra.

For "Town Boys," or boys not on the Foundation, the school fees are 5 guineas entrance, and 30 guineas annually for tuition, also payable half-yearly in advance as above. These fees include all the ordinary instruction—Scriptural teaching, Classics, Mathematics, and Natural Science, History, Geography, English, French (or sometimes German for advanced pupils), together with Drawing, Singing, or Writing, at the discretion of the Head Master. Private tuition, as well as fencing and gymnastics, are charged extra, if required.

The age of admission is ordinarily from 10 to 14 years. No boy is eligible for admission unless he be sufficiently advanced, in proportion to his age, to profit by the teaching of the School.

"Town Boys" may board either wholly or partially at one of the boarding houses, or entirely at home. For home boarders a room is provided at No. 1, Dean's Yard, where for a small additional charge, books, great-coats, &c., may be kept. The boarding-house fees are 5 guineas entrance, and 65 guineas yearly for boarders, or 24 guineas for half-boarders, besides tuition fees.

The boarding houses, Nos. 1 and 2, Little Dean's Yard, are at present conducted by the Rev. B. F. James and the Rev. C. A. Jones, and No. 14, Barton Street, by Rev. R. F. Dale.

The school hours are ordinarily from 8 to 9 a.m., and from 10 a.m. to 12.30 p.m., and from 3.30 to 5.30 p.m. (from 3 to 5 p.m. in summer). Home and half-boarders who come from a distance are allowed to attend from 9 a.m. to 12.30 in the morning, instead of coming at 8 a.m. Wednesdays and Saturdays are half-holidays.

The school holidays are 3 weeks at Whitsuntide, 7 weeks in August and September, and nearly 5 weeks at Christmas.

The Grammars used in the School are the Public School Latin Primer and Grammar, and (for the present) Wordsworth's Greek Grammar and Farrar's Greek Syntax. In French, the School Grammar.

Six Exhibitions, tenable at the School, are offered annually for competition to Candidates (whether previously in the School or not) of ages between 12 and 14. Two are of the value of 30*l.* and four of 20*l.* raised to 50*l.* or 30*l.* respectively in the case of Boarders. These Exhibitions are all tenable for two years, or until the holder is elected upon the Foundation. A power is reserved of re-electing deserving Candidates. The Examina-

tion is held in Easter week. No entrance fee is charged for Exhibitioners.

The *Annual* Benefactions open to competition, for all boys proceeding to the Universities, who shall have been at least 3 years previously in the School, will be after 1882—

1. Three Scholarships at Christ Church, Oxford, tenable for 5 years. Total annual value above 80*l.* each. These Scholarships are augmented in all cases of merit, by gifts from the Carey Benefaction, the income of which amounts to 600*l.* a year, and is divisible among the Westminster Students of Christ Church.
2. Three Exhibitions at Trinity College, Cambridge, of 40*l.* a year, tenable for 3 years, or until the time for taking the B.A. Degree. The Senior Exhibitioner receives also a Samwaies Exhibition of about 24*l.*, tenable for 2 years at Trinity. The second Exhibitioner a similar Exhibition tenable for 1 year.
3. Two Exhibitions from the bequest of Dr. Triplett, tenable for 3 years at any College of Oxford or Cambridge, conditionally on certificates of residence and good conduct from the authorities of the College. Annual value 50*l.* each. These are not open to Students of Christ Church.

Any of these Studentships or Exhibitions may be withheld in default of deserving Candidates.

All the Examinations for the admission of Queen's Scholars, and for Studentships or Exhibitions, mentioned above, are conducted by Examiners appointed from Christ Church, Oxford, and Trinity College, Cambridge. The whole School is examined annually under the direction of the Governing Body.

An annual Latin play forms part of the School system.

#### MASTERS OF THE SCHOOL.

*Head Master*.—William Gunion Rutherford, M.A., Fellow and Prælector of University College, Oxford.

##### *Classics, &c.*

|                         |                       |
|-------------------------|-----------------------|
| Rev. B. F. James, M.A.  | Rev. A. Sloman, M.A.  |
| Rev. R. F. Dale, M.A.   | C. Tracey, M.A.       |
| M. W. C. Marklove, M.A. | E. M. Blackburn, B.A. |
| C. E. Freeman, M.A.     | R. Tanner, B.A.       |

##### *Mathematics and Natural Science.*

|                                     |                      |
|-------------------------------------|----------------------|
| Rev. C. A. Jones, M.A.              | Rev. W. Failes, M.A. |
| W. E. Bovill ( <i>and French</i> ). | H. Tomlinson, M.A.   |

*French*.—M. Massé.

*Music*. { J. G. Ranalow.  
T. Pettit.

*Drawing*. { J. Radford.  
E. C. Champion.

*Writing*.—G. W. Perry. | *Fencing*.—Messrs. Angelo.

*Gymnastics*.—Prof. W. G. Creagh.

## WINCHESTER COLLEGE.

MOTTO.—“*Manners make the Man.*”

This celebrated School has the honour of being the senior foundation in England. It was founded by William of Wykeham, and called Saint Mary's College of Winchester, Anno Domini, 1387. It now consists of a governing body of twelve, a Warden, Sub-Warden, three Fellows, seventy Scholars, who live in the College buildings ; eight Exhibitioners, who live with the Commoners in the boarding houses ; a Head Master, a Second Master, twenty-two Assistant Masters, four Chaplains, three Clerks, one Organist, and sixteen Choristers. Average annual income, as returned to Public Schools Commissioners, 15,494*l.* 17*s.* 5*d.* There are now over 70 Scholars, and 300 students not on the Foundation, called Commoners, eight of whom are also Exhibitioners. The Exhibitioners are elected annually after a competitive examination ; these examinations are held in the month of July. The Scholars on the Foundation of Winchester College are elected after a competitive examination. A Scholar is boarded, lodged, and educated, at a cost to his friends of 21*l.* per annum. Besides the Scholars or boys elected on the Foundation, and who are lodged and boarded in the College, there are about 300 “Commoners” or non-foundation boys, who reside and are boarded in Masters' houses. The expenses of a Commoner are about 106 guineas per annum. Winchester has numerous Scholarships at New College, Oxford, open to Scholars and Commoners, and tenable for five years, of the annual value of 80*l.* There are also Exhibitions given to deserving boys, on their proceeding to the University. John Morys was the first Warden, in 1393.

The Commoners are received in boarding houses, containing about thirty-five boys each. There are Exhibitions (at present eight in number) to be held by Commoners, each of the value of 50*l.* per annum, to which boys under fifteen years are elected by competition at the time of the Examination for the Scholarships.

The Masters who keep boarding houses at present have an asterisk (\*) to their names.

Application for a boy's admission as a Commoner will be most conveniently made direct to the Master in whose house it is wished that the boy shall be placed ; or it may be made to the Head Master, who will then make the further arrangements.

No boy is received after completing his fifteenth year (12 to 15), except under special circumstances, and on condition of his being able to take a good position in the School. Boys under that age are required to be qualified to join some class in the School.

The grammars in use are the Public Schools Latin Primer and Wordsworth's Greek Grammar, and the course of instruction is as in all the other ancient Public Schools.

There are holidays three times a year : at Christmas, five weeks, commencing on the Wednesday before Christmas Day ; at Easter, three weeks, commencing on the Wednesday before Easter Day ; in the summer, seven weeks, commencing on the Wednesday nearest to the 1st of August.

I. The Scholarships of Winchester College are open to the competition of all boys who have completed their eleventh and not exceeded their four-



teenth year on the 1st of July preceding the election. An Examination graduated in difficulty according to the age of the candidates is held at the College annually in the month of July. The relative proficiency of the candidate, as exhibited in this Examination, determines the election. In cases of equal merit, the choice of the electors is influenced by the character of the candidates, and their pecuniary circumstances as stated in the declaration of their parents.

II. The Exhibitions are open to all boys under fifteen years of age, whether already in the School as Commoners or not. These are of the annual value of 50*l.* each, and are tenable during the whole of the Exhibitioner's stay in the School, unless vacated by his subsequent election to a Scholarship, or by forfeiture on account of idleness or other misconduct. The Examination for the Exhibition is conducted at the same time as that for the Scholarships.

III. Notice of candidates for the Scholarships or Exhibitions must be given on or before the first day of June in each year.

IV. Such notice—addressed to the Rev. G. Richardson, Winchester College—must be accompanied by the following papers :—

1. Certificate of baptism.
2. Certificate of character and conduct, specifying the length of time to which it applies, from the Schoolmaster or Tutor under whom the candidate has been last placed. In the case of a boy who has been brought up entirely at home, the parents' certificate of character is admitted.
3. A declaration signed by one of the parents of the candidate, or, if both parents be dead, by the person best qualified to give the necessary evidence. Forms of the declaration will be supplied on application to the Rev. G. Richardson, Winchester College Winchester.

V. The candidates are examined—

1. In Elementary Religious Knowledge.
2. In English Dictation.
3. In Arithmetic, Algebra, and Geometry.
4. In Latin Composition, Verse and Prose.
5. In construing and parsing in Greek and Latin.
6. French Grammar, Parsing and Translation (easy passages).
7. The outlines of Geography and English History.

VI. The Head Master shall have power to refuse the admission of any applicant if he judge it expedient.

VII. No boy shall remain in the School after the end of the School half-year in which he shall attain the age of 16 years, unless he shall have been previously admitted to Middle Part V.; no boy shall remain in the school after the end of the School half-year in which he shall attain the age of 17 years, unless he shall have been previously admitted to Senior Part V.; and no boy shall remain in the School after the end of the School half-year in which he shall attain the age of 18 years. Under exceptional circumstances the Head Master may relax these rules, but in no case shall a boy remain in the School beyond the end of the School half-year in which he shall attain the age of 19 years.

[For the purposes of this regulation the School half-year is considered to end on the 10th of January or the 10th of August, as the case may be.]

VIII. Besides the subjects specified above, others not declared beforehand are introduced from time to time ; copies of questions set at previous elec-

tions are not issued, nor are the particular books in which the Candidates will be examined previously stated.

IX. The Scholarships of New College, Oxford, are open to all boys alike who have received their education at the School of Winchester College, whether as Scholars or as Commoners.

The following payments are required to be made by every Commoner to his House Master:—

1. Upon admission to the School, an Entrance Fee of 12*l*.
2. For School Fees, an annual sum of 33*l*. 10*s*.
3. For Board and Private Instruction by the House Master, an annual sum of 78*l*. 10*s*. ; total, 106 guineas.
4. For Medical Attendance, an annual sum of 2*l*. 2*s*.

The payments due for the past Term are to be paid before the beginning of the following Term.

The Officers and Masters of the School consist of the governing body, the Lord Selborne, Chairman, and ten members.

*Warden*.—The Rev. Godfrey B. Lee, M.A.

*Sub-Warden*.—The Rev. Gilbert Wall Heathcote, B.C.L.

*Organist*.—William Hutt.

*Head Master*.—The Rev. G. Ridding, D.D.

*Second Master*\*.—The Rev. G. Richardson, M.A.

#### *Fellows.*

The Rev. Robert Grant, B.C.L.  
The Rev. G. W. Heathcote, B.C.L.  
The Rev. H. B. Williams, M.A.

The Rev. T. F. A. P. Hodges,  
D.C.L.  
Rt. Rev. the Bishop of St. Andrew's.

#### *Assistants.*

\*The Rev. T. H. Du Boulay, M.A.  
\*The Rev. E. W. Sergeant, M.A.  
C. Griffith, M.A.  
\*The Rev. C. H. Hawkins, M.A.  
\*W. L. Stonhouse, B.A.  
\*The Rev. H. J. Wickham, M.A.  
\*F. Morshead, M.A.  
\*The Rev. J. T. Bramston, M.A.  
A. J. Toye, M.A.  
\*C. J. Turner, M.A.  
J. S. Furley, B.A.

A. H. Evans, B.A.  
C. C. M. Hewett, B.A.  
E. Bullen, B.A.  
Robert G. K. Wrench, B.A.  
Theodore Kensington, M.A.  
Walter Percy Smith, M.A.  
Edmund Doidge Anderson Morshead, M.A.  
Charles Bannerman Phillips, M.A.  
William Bleaden Croft, M.A.  
Arthur Kemball Cook, M.A.

#### *Chaplains.*

The Rev. J. Baker, M.A.  
The Rev. C. H. Hawkins, B.A.

The Rev. J. T. Bramston, M.A.  
The Rev. E. Ashe Were, M.A.

Those marked \* are House Masters; *i.e.*, the Masters in whose houses the Commoners reside.

OUR THEOLOGICAL COLLEGES.



# OUR THEOLOGICAL COLLEGES.

## INTRODUCTORY REMARKS.

Undergraduates at our Universities, who, after having taken their Degrees, are aspirants for ordination, or any other Student desirous of entering the Church, and otherwise fitted for it, will have to retire to some College specially set apart for giving a more particularly theological training, there to be prepared, by quiet study and practical learning, for the serious and important duties of their future office. Respecting benefices, there are, it appears, from 287 livings of 1,000*l.* a year, and above, thirty-seven of 1,000*l.* a year, 185 between 1,000*l.* and 1,500, forty-three between 1,500*l.* and 2,000*l.*, three of 2,000*l.*, thirteen between 2,000*l.* and 3,000*l.*, one 3,000*l.*, one 3,058*l.*, and one 3,500*l.* The last three livings are Hawarden (Chester), Upwell (Norwich), and Halsall (Chester). The Archbishops and Bishops have sixty-eight under their patronage, noblemen have forty-eight; Cambridge, fifteen; Oxford, eight; Lord Chancellor, five; the Crown, four; and the rest are in the gift of commoners, and a few belong to Deans and Chapters.

Some little time ago a proposal was started at Oxford for providing Students intending to take Holy Orders with a thorough theological training in Oxford itself, and "S. Stephen's House" was specially set apart with that object. The entire cost, all found, amounts to 110*l.* per annum. But the number of Candidates for Bishop's Ordinations who have availed themselves of the above advantages has hitherto been very limited, and there seems to be a general misconception that it is solely a missionary establishment, and men therefore prefer entering the various recognised Theological Colleges, full particulars of which institutions will be found fully described in the following pages; and in addition to these Institutions the Student is also referred to the Theological Faculties or Departments of the different Universities.



## CAMBRIDGE PRELIMINARY EXAMINATION OF CANDIDATES FOR HOLY ORDERS.

These Examinations were established chiefly with a view to aid in promoting a more systematic and a better distributed course of preparation for Holy Orders. They are conducted under the direction of Professors of Divinity and members of Theological Faculty, in co-operation with many



Bishops, and will enable Bishops to relieve their own examinations of some of those subjects by which the intellectual qualifications of Candidates are tested, and to give more devotional tone to the period immediately preceding Ordination.

But it has not been thought to be within the province of the Preliminary Examination to deal with such subjects as doctrine, pastoral care, and a general knowledge of Holy Scriptures.

The Council of Management consists of the Divinity Professors, elected representatives of Theological Faculties, and Examining Chaplains, one being nominated by each of the Bishops who take part in the scheme. The Examiners must be either Graduates in Theology or M.A. in Priests' Orders, and the examinations are held twice every year, about Easter and in October, and at different centres, with a view to suit the convenience of Candidates: due notice is given of the time and place. The examinations are open (a) to graduates of English Universities, (b) to members of Theological Colleges in connection with the Church of England, who have at least entered on the last term of the complete course, and are recommended by the Principal, (c) to any other person who may be nominated by a Bishop, with a view to ordination in his own diocese.

Every Candidate will be required to declare himself a member of the Church of England, and to produce a satisfactory certificate of moral character. All communications from candidates who are members of a Theological College must be made through the Principal or Vice-Principal of their College, and the names of candidates who satisfy Examiners are placed alphabetically in two classes. The following Bishops and Archbishops have expressed their intention of recognising the results of these examinations in their admission of candidates to Holy Orders:—Archbishops of Canterbury and York, Bishops of Winchester, Norwich, Worcester, Gloucester and Bristol, Hereford, Peterborough, Lincoln, Salisbury, Carlisle, Bath and Wells, Ely, Truro, and Durham. The papers given in previous examinations, with the regulations, may be had of Deighton, Bell, and Co., Cambridge. Candidates are required to send in their names and forms before the 1st March for the Easter examination, and before the 1st September for the October examination, to Rev. E. G. King, Madingley Vicarage, Cambridge.



## CHICHESTER THEOLOGICAL COLLEGE.

This College was founded in the year 1839 for the instruction of candidates for Holy Orders in Theology and in the duties of the Christian Ministry. It is under the immediate control of the Bishop, and is in connection with the Cathedral Church.

The Principal is appointed by the Bishop, and the Vice-Principal by the Principal, subject to the Bishop's approval. They must both be in Priests' Orders and Masters of Arts, or Graduates in Theology or Law.

The College is designed for Graduates of the Universities and others professing their intention of offering themselves as candidates for Holy Orders in the diocese of Chichester or elsewhere. No Student is admitted with-

out the approbation of the Bishop, and testimonials and references are required. Application for admission must be made to the Principal.

The College Terms for the year are four, and average eight weeks each.

With the consent of the Principal, residence may be continued during the vacations, in which case the Student is expected to attend Cathedral Service once each day.

The course of study occupies four Terms, viz., Lent Term, Easter Term, Michaelmas Term, and October Term, comprising the Holy Scriptures, especially the Greek of the New Testament; the Book of Common Prayer and the XXXIX Articles; Selections from the Early Fathers; the Evidences of Christianity; the History of the Church; the Duties of the Christian Ministry; the Composition and Delivery of Sermons; Management of Schools; Parochial Visitation, &c., &c.

Students who are not Graduates cannot be admitted for less than two years, unless under exceptional circumstances and by special permission.

At the end of each Term an examination is held in the subjects on which the Students have been lectured. The College Testimonials are not given unless these examinations are satisfactorily passed. Students are expected to pass the Cambridge Preliminary Examination before concluding their College course.

Each Student on admission pays a fee of 30*l.*,\* together with 1*l.* to the College Library, covering all Collegiate charges for the year. If residence extend beyond the four Terms, 10*l.* is paid for each of the first three Terms after the fourth, together with 1*l.* to the College Library, as in the first year.

The Students reside in lodgings approved by the Principal, and no change of lodging is permitted without his previous sanction. The expense of residence is placed under limitations, and the Students are expected to conform, as to their habits and general conduct, to the directions of the Principal acting under the Bishop.

The Students attend prayers daily in the Cathedral during residence, and are expected to be frequent partakers of the Holy Communion.

Recognised Church-workers in the Diocese of Chichester may, under certain conditions, become "Probationers" of the College, and after passing examinations in stated books at intervals during two years, may obtain ordination with a single year of residence. No fees are charged to them while Probationers.

#### *Visitor and President.*

The Right Reverend the Lord Bishop of Chichester, D.D.

*Principal.*—The Rev. William Awdry, Canon Residentiary of the Cathedral, M.A., Balliol College, Oxford; 1st Class Lit. Hum. in 1865.

*Vice-Principal.*—Rev. J. S. Teulon, M.A., Prebendary of the Cathedral.

*Lecturer in Greek Testament.*—Rev. T. P. Brandram, M.A., Priest Vicar of the Cathedral.

*Lecturer in Ecclesiastical and Parochial Law.*—R. G. Raper, Esq., Solicitor.

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\* If preferred, the 30*l.* may be paid in sums of 10*l.* at the commencement of each of the first three Terms.

## CUDDESDON THEOLOGICAL COLLEGE,

WHEATLEY, OXFORDSHIRE.

The College is under the immediate direction of the Lord Bishop of Oxford, and is intended as a place of residence for religious preparation and theological study, between graduating at the Universities and being admitted to Holy Orders.

It is open to all who have passed the Final Examination at Oxford, Cambridge, and Durham; and the Theological Examination at Trinity College, Dublin, and King's College, London.

Students admitted are not in any way pledged to take cures within the Diocese of Oxford.

Those who, being already in Deacons' Orders, are desirous of retirement and study, before becoming candidates for the Priesthood, may be admitted for short periods, at the discretion of the Principal, if there be room in the College.

As a general rule, Students are not admitted for a shorter period than one year.

The year is divided into four Terms, ending severally with the four Ember Seasons, with the exception of Lent Term, which always ends on Easter Monday. Students are not allowed to remain in College during the vacations, without special leave of the Principal.

The course of study comprehends Lectures on the Holy Scriptures, on the Doctrine and Liturgy of the Church of England (especially Pearson and Hooker), on Church History, and the elements of Hebrew. Portions of the early Fathers and Historians are read in connection with the Lectures; the Students are also exercised in the composition and delivery of Sermons.

The manner of living is collegiate; all meals are taken in common, and all live under one roof, as in Colleges at the University.

The payment for a year's residence is 120*l.* Of this sum, 30*l.* is paid when the name is first entered, and 30*l.* at the beginning of the first, second, and third Terms of residence respectively. All College expenses, and all cost of fuel, candles, servants' wages, &c., are covered by the above payment; the rooms are furnished.

It is said that notice has been given that the following resolution will be proposed at the meeting of the next Oxford Diocesan Conference:—"That this Conference desires respectfully to draw the attention of the Lord Bishop of the Diocese to the pamphlet upon Cuddesdon College, addressed by the Rev. C. P. Golightly to the lay members of the Conference, and is of opinion that the statements contained therein show that the teaching in the said College does not deserve the confidence of members of the Church of England."

*Visitor.*—The Lord Bishop of Oxford.

*Principal.*—The Rev. W. Methuen G. Ducat, M.A., Balliol College, Oxford.

*Vice-Principal and Librarian.*—The Rev. C. Gore, M.A.



## ELY THEOLOGICAL COLLEGE.

This College was founded in 1876, by the Bishop of Ely, and is under the management of the Bishop and the Principal. The number of Students is limited to 12, all Graduates ; married men are not admitted. There are four Terms, of eight weeks each, ending with Ember Seasons. The course of study comprises the Holy Scriptures in the original languages, the Book of Common Prayer, the Doctrines of the Church, Ecclesiastical History, and Pastoral Theology. Attention is also paid to the composition and delivery of Sermons.

The Students conduct services and preach in turn in a Mission Chapel ; and those who desire to visit the sick and the poor undertake small districts under the direction of the Vice-Principal. They also teach in the Sunday Schools.

The Lectures are arranged, as far as possible, to meet the requirements of the "Preliminary Examination for Holy Orders," the subjects for which are also set in many Dioceses at the Bishops' Examinations.

Each Student is required to have a Surplice, College Cap, Gown, and Hood of his University degree.

The tuition fees are 8*l.* per term. There are six Bursaries, of 50*l.* each.

In addition to the regular College Lectures, the Bishop of Ely himself delivers a course of lectures to the Students on Hooker. The regulations of the College provide that, besides the ordinary course of instruction in theology, attention should be paid to pastoral visitation. The Students also, under proper supervision, conduct services in the Mission Chapels of the neighbourhood.

*Principal*.—The Rev. H. Mortimor Luckock, D.D., Canon of the Cathedral.

*Vice-Principal*.—The Rev. W. Bouverie Trevelyan, M.A., Trinity College, Cambridge.

*Prælector in Pastoral Care*.—Rev. A. R. Evans, M.A., Hon. Canon of Ely.



## CUMBRAE COLLEGE,

### ISLE OF CUMBRAE.

This College was founded in 1849, when the foundation stone of the present Cathedral Church was laid. The two wings which constitute the present College were opened respectively in November 1850 and May 1851.

On S. Peter's Day, 1854, the Bishop of the Diocese was installed as Provost, and after holding the office for 12 years, he was succeeded by the Rev. J. G. Cazenove, who had for the same period been acting as Vice-Provost.

On Dr. Cazenove's resignation in 1875, the Rev. F. R. H. H. Noyes was appointed Provost, and was duly installed on June 9th of that year.

In May, 1876, the Collegiate Church was made the Cathedral Church of the Diocese of the Isles.

Students preparing for Holy Orders either in England or Scotland are received into the College.

The course is: for Graduates, one year; for Non-Graduates, two years. The terms are 95*l.* per annum, inclusive of board and tuition.

The course of study embraces the following books and subjects:—

*Holy Scripture*.—The Old Testament, some book or books of; the New Testament in Greek; the Criticism and Interpretation of the New Testament.

*Doctrine*.—The XXXIX Articles; Pearson on the Creed; Hooker's "Ecclesiastical Polity," especially Book V.; Butler's Analogy; the Church Catechism.

*Ecclesiastical History*.—The History of the Church for the first Five Centuries; the History of the Church of England; the History of the Church of Scotland.

*Prayer Books*.—Liturgies, Ancient and Modern; the rationale and structure of the Prayer Book; the Principles of Divine Service.

Lectures are also given throughout the year on some one or other of the writings of the Fathers, and instruction is given in Sermon-writing and preaching, as well as in Pastoral Theology.

By a recent arrangement with the University of Durham, Non-Graduates who have completed their course at this College may take their Degree at that University after a residence of three Terms, and on passing the final Degree Examination.

There are two Scholarships, of the value of 50*l.* per annum each, especially for Students preparing for ordination in Scotland.

Students are required to attend the daily Cathedral services.

The year is divided into three Terms, averaging 12 weeks each, and commencing *about* February 1st, June 9th, and October 5th.

In addition to Students preparing for Holy Orders in another department of the College, Students are preparing for Matriculation at the Universities.

Terms, 125*l.* per annum; and *when there is room*, long vacation Students are received to read for their Examinations at the rate of 12*l.* 12*s.* a month.

All Students are required to wear the gown of their Degree in Hall and at Lectures.

*Visitor*.—The Right Rev. the Lord Bishop of the Diocese.

*Provost*.—Very Rev. F. R. H. Herbert Noyes, D.D.



## GLOUCESTER THEOLOGICAL COLLEGE.

This College is designed, primarily, for Graduates of the Universities who, being furnished with College Testimonials, are desirous of entering upon a course of theological study, and of *practical training in parochial work*.

The period of residence for Graduates is three Terms; after which, if their conduct has been good, and they have satisfactorily passed the prescribed Examinations, they receive the College Certificate. This Certificate is accepted by the Bishop of Gloucester and Bristol in place of the Certificate of having passed the Cambridge Theological Examination, and of having attended the usual two courses of Divinity Lectures at Oxford.



Graduates who do not require the Certificate may be admitted for periods less than three Terms.

Candidates who have not attained a University Degree may be accepted as Students of the College, provided that their applications have been first approved by the Bishop. Such Candidates, however, will be expected to possess a fair knowledge of Greek and Latin, to be tested by a preliminary examination. To obtain the College Testimonium, which will entitle them to be accepted by the Bishop as Candidates for Holy Orders, they are required to reside six Terms at the College, and to pass with credit a final examination.

The general regulation and discipline of the College is as follows :—  
Daily attendance at the Cathedral.

Lectures for two or three hours every day, and regular training in parochial work, including District Visiting, Sunday and Night Schools, Cottage Lectures, &c., &c.

An examination at the end of every Term, and in the case both of applicants for a Certificate and of Non-Graduates, a concluding examination at the end of the whole prescribed course.

Particular attention is given to the composition of sermons and to public reading.

The Students live in lodgings approved by the Principal.

The year will be divided into three terms of about 12 weeks each, beginning about January 15th, May 1st, and September 20th.

The College fees are 10*l.* each term (to be paid in advance), in the case of those who are admitted to reside for not less than three terms ; and 12*l.* each term (to be paid in advance) in the case of those admitted for a less time ; and in all cases, an entrance fee of 1*l.* towards the Library Fund.

*President and Visitor.*

The Right Rev. the Lord Bishop of the Diocese, and four Vice-Presidents.

*Council.*

The Ven. the Chapters of Gloucester and Bristol.

The Rev. the Rural Deans of the Diocese.

*Principal.*—The Rev. Charles J. Parker, M.A.

*Vice-Principal.*—The Rev. R. P. Luscombe, M.A.

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LAMPETER, ST. DAVID'S COLLEGE.—*See* PART VIII.

LONDON, KING'S COLLEGE.—*See* PART III.

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## LEEDS CLERGY SCHOOL.

This School was founded in 1876, by the Rev. J. Gott, D.D., Vicar of Leeds, with the object of preparing Graduates for their ordination to town curacies, and is under the sanction of the Lord Bishop of the Diocese, and under the management of the Vicar of Leeds. The fees are, for tuition,

10*l.* a quarter, or 30*l.* a year of 4 quarters ; board and lodging in the house, 1*l.* per week. There are four Exhibitions of 80*l.* a year. All Exhibitioners must remain one year in the School, and to take their first curacy in a town parish.

Applications for admission must be made to Dr. Gott, enclosing College testimonials and references to two clergymen. Under certain circumstances non-Graduates may be admitted, but in their case at least two years' residence and an entrance examination are required. A free course of Lectures, specially adapted to younger clergy, are open to all the Rural Deanery. Missionary Students may come to this School for a few months before leaving England.

The Terms are divided into four quarters, which fit in as nearly as possible with Ember Seasons. The ordinary course of study and parochial experience lasts one year. (1) The instruction consists of Theological Lectures and guidance in study, and the course includes Holy Scriptures in original languages, Book of Common Prayer, History and Doctrine of Church, Pastoral, Theological, and usual subjects of Ordination Examination. (2) Instruction and practice in all branches of working of a large parish. (3) Devotional help.

*Principal*.—Vacant, assisted by the Rev. H. L. Paget, M.A.

## LICHFIELD THEOLOGICAL COLLEGE.

Founded 1857. Graduates and others prepared for Holy Orders in the Church of England. Graduates of Universities in connection with the Church of England may obtain the College Certificate after a residence of three Terms. If the Certificate is not required, they are at liberty to study at the College for one or more Terms, on presenting satisfactory Testimonials.

All candidates for admission must send to the Principal three or four testimonials of good and suitable character, from clergymen who have known them well, and (if Graduates) from the Head or Tutor of their College. Non-Graduates must also pass an examination (1) in the Greek of S. Matthew's Gospel ; (2) in general knowledge of the Bible ; and (3) in English Composition. Unless under very exceptional circumstances, those who have failed at the Universities are not eligible for admission.

Graduates of the Universities reside one year ; non-Graduates two years. But Graduates, if they do not require the College Certificate, can be admitted to study for shorter periods, by special permission of the Principal ; and non-Graduates can, by industry and good conduct, obtain the Certificate from the Council (on the Principal's recommendation) somewhat before the expiration of two years.

The course of study comprises—The Holy Scriptures : the Old Testament in English, and the New Testament in Greek. The Prayer Book, with an examination of Primitive and Mediæval Liturgies. The Doctrines of the Church of England, especially as set forth in her Creeds, Articles, and Standard Divines (Hooker, Pearson, &c.). Church History, Primitive, Mediæval, and Modern. Evidences, &c. ; e.g., Bp. Butler, Paley, Blunt ;

also the Canon Law ; the principles of the more important English Sects, &c. Elementary instruction is given in Hebrew and Greek.

Public reading is practised, under the instruction of the Principal ; and each Student in turn reads the Lessons at daily morning chapel.

Public speaking and Extempore Preaching are cultivated by means of semi-public Preaching, Debates, School-room Lectures, &c.

Sermons or Theological Essays are frequently written.

Visitation of the sick and poor is learnt, under the guidance of the clergy in the parishes of the city and neighbourhood.

An insight into the working of Schools is gained by occasional attendance at inspections, and by assistance at Sunday and Night Schools.

Elementary instruction in matters connected with health and disease is kindly given by one of the physicians in the city.

Music is taught by the Precentor of the College.

The tuition fees are 10*l.* for each term of 12 weeks, beginning about January 20th, May 20th, and September 20th. There is an entrance fee of 1*l.* to the Library ; Room-rent in the College House is 10*s.* a week ; in lodging (sanctioned by the Principal) it varies from 10*s.* upwards. Books cost about 4*l.* A surplice can be obtained at the College for 30*s.* It is computed that a Student's whole expense during residence need not exceed 30*l.* a Term.

There are at present several Exhibitions (of 30*l.* a year), open for competition every Michaelmas.

*President.*

The Lord Bishop of the Diocese.

*Principal.*

The Rev. G. H. Moberley, Rector of Duntsbourne House, late Fellow of Christ College, Oxford.

*Vice-Principal.*

The Rev. J. F. Keating, M.A.

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## LINCOLN COLLEGE.

### SCHOLÆ CANCELLARII.

This School was founded in 1874, and is under the sanction of the Lord Bishop of Lincoln, who is the Visitor. About 40 Students are in attendance. There are several Bursaries. The tuition fees are 10*l.* each term, and board 1*l.* 5*s.* per week.

*Chancellor.*—The Rev. E. T. Leeke, M.A.

*Vice-Chancellor.*—The Rev. Canon Crowfoot, M.A.

*Tutor.*—Rev. Canon Worlledge, M.A.

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## THE LONDON COLLEGE OF DIVINITY,

### S. JOHN'S HALL, Highbury.

This College was founded and endowed in the year 1863 by the Rev. A. Peache and Miss Peache, at a cost to them of upwards of 50,000*l.*, for the purpose of training for the Ministry of the Church of England suitable Candidates who have not received a University Education; and also for affording systematic Theological Teaching to Graduates. Its fundamental principle is contained in the following extract from its Trust Deed:—“The teaching and government shall always be strictly Protestant and Evangelical, in conformity with the doctrines of the United Church of England and Ireland, as expressed in the Thirty-nine Articles, as now by law established, interpreted according to the plain and natural meaning thereof.”

The College was opened in November, 1863, in a building rented for the purpose at S. John's Wood. In the year 1865, the property which had been occupied by the Metropolitan Training Institution at Highbury was purchased, and under the name of S. John's Hall the building was adapted for the use of the College of Divinity. The land contains about seven acres, lying on the north-western slope of Highbury Hill, with a view towards Highgate and Muswell Hill. It is laid out in gardens and ground for recreation. The College buildings comprise a residence for the Principal, Library, Lecture-rooms, Dining-hall, Tutor's apartments, and sets of rooms for fifty-one Students, each having a study and bedroom.

### COURSE OF STUDY.

The full course occupies three years, and is thus arranged:—

#### FIRST YEAR.

An elementary Greek and Latin Class for less advanced Students; Lectures in Grammar and English Composition; Lectures based on Rawlinson's Ancient History, with special reference to Biblical History and Prophecy, and the basis of Ecclesiastical History; Lectures on Mediæval History, preparatory to the Ecclesiastical History of the same period; the Geography of Palestine; the Old Testament—the contents and relations of its several books; the Gospels in Greek; *Opuscula* of S. Augustine; *Patres Apostolici*; *Horæ Paulinæ*; Ecclesiastical History of the first three centuries; the Thirty-nine Articles—the English text and Scriptural bearings.

#### SECOND YEAR.

Ecclesiastical History subsequent to the first three centuries; History of the Church of England; Paley's Evidences; Butler's Analogy; Pearson on the Creed; Greek Testament; Septuagint; Hebrew; Old Testament Exegesis; *Opuscula* of S. Augustine; Eusebius.

#### THIRD YEAR.

Greek Testament; Hebrew; the Critical History of the Bible; the Thirty-nine Articles—considered Historically and Theologically; S. Augustine, *De Doctrinâ Christianâ*; the Prayer Book; Hooker; Composition and Delivery of Sermons; systematic training in Reading.

The above is a generally accurate description of the course ; though the subjects are not always strictly apportioned between the years as here stated.

Graduates of Universities, or persons entering under special conditions, take such a selection from the above lectures as may seem most needful during the limited time of their attendance. They may reside in lodgings. The Students undertake a considerable amount of Christian work in Schools, and in conducting Mission-room Services, Workhouse Visitation, and other means of usefulness.

#### FOR ADMISSION,

Candidates should apply to the Principal. They are required to give the names of competent referees, who may be able to speak of them from personal knowledge ; and to answer a paper of questions furnished by the Principal. They also have an interview with the Examiner of candidates. A fixed educational standard of admission has not been found to lead to satisfactory results. Each case is considered on its own merits, regard being had to the evidence of personal piety and promise of fitness for the Ministry apparent in the candidate. The first two Terms after admission are probationary.

All the advantages of the College are obtained for the payment of 60*l.* per annum. This sum is payable in instalments of 20*l.* on February 1st, May 1st, and October 1st, in each year. There is also an admission fee of 2*l.* 2*s.*, payable with the fee for the first Term. Furnished apartments, fires, board, and washing, together with all the educational advantages of the College, are secured by the payment of the above sum. The probable amount of his further personal expenses, including books, may be readily estimated by a candidate. The cap and gown of the College pattern may be procured from Messrs. Castell, Broad Street, Oxford, or Messrs. Cox, Southampton Street, Strand, for 1*l.* 4*s.* It will be observed that (practically speaking) the above terms amount to giving each Student a Scholarship of considerable value. Students not residing in the College pay a tuition fee of 10*l.* per Term, together with the admission fee of 2*l.* 2*s.*

There are three Terms in the year :—Lent Term, from the end of January to the day before Good Friday ; Easter Term, from the second Saturday after Easter to the end of July ; Michaelmas Term, from about the 20th September to the Thursday or Friday before Christmas.

Vacations are six weeks at Christmas, a fortnight at Easter, and eight weeks in August and September.

Regularity of habits, and conformity to College hours, and to the rules needful for the due order of such an Institution, are required.

Each Student has his own study and bedroom, the furniture of which is provided by the College, without charge.

All the meals are in the Common Hall.

The mode of instruction is that used in the best Colleges in Cambridge, being rather Tutorial and Catechetical, than Professorial.

*Principal.*—The Rev. T. P. Boulton, LL.D., late Fellow of  
S. John's College, Cambridge.

*Secretary.*—W. Irving Hare, Esq., 118, Pall Mall, S.W.





## S. AIDAN'S THEOLOGICAL COLLEGE,

## BIRKENHEAD.

This College was founded in 1846. There is a large and convenient building, including a house for the Principal, a chapel, and rooms for the Assistants and 70 resident Students, all in the same edifice; the chapel seats 150 persons, and is open to the public under the provisions of the Private Chapels Act. The College stands in its own ground of seven acres, and is two miles from the Birkenhead Railway Station, and three miles from Liverpool.

The Principal addresses intending Students in these words: "I would express an earnest hope that all Students coming to S. Aidan's will resolve, by God's grace, to exercise frugality, diligence, and self-discipline, as among the best practical preparations for the work of the Christian Ministry. I hope that Resident and non-Resident Students alike will, both in their persevering application to study, and in the regulation of their conduct generally during their College course, never forget the high object to which, in entering the College, they have distinctly devoted themselves, and that, with ceaseless prayer for God's blessing, they may so prepare themselves for the sacred Ministry of Christ's Church as both by their life and doctrine to set forth God's glory and set forward the salvation of all men."

Every one applying to be admitted as a Student is required to send to the Principal the names of two competent referees, a certificate of baptism, and a testimonial signed by a beneficed Clergyman of the Church of England, and if accepted, to pass the Entrance Examination, which is strictly elementary, and which comprises general questions in Old and New Testament History, Elements of Greek and Latin Grammar, the Gospel according to S. Mark in Greek, the Gospel according to S. Mark in Latin.

A certain amount of previous education is expected in every candidate for admission to the College, and *in no case* can the Entrance Examination be dispensed with, except when the Student is already a graduate of some University.

The College course for University Graduates will be three Terms, commencing with the Michaelmas Term. Graduates, on applying for admission, must send to the Principal a Certificate of their Degree, in addition to the documents above required.

Students desiring to study at the College during part of the Long Vacation may do so, by permission of the Principal, on payment of an extra fee.

A Preparatory Class is conducted during Term time and in the Long Vacation, in which Class applicants for future admission as Students may be prepared for the Entrance Examination, and can receive such other instruction as may be deemed advisable.

Those wishing to become members of this Class must send in to the Principal the References, Certificate, and Testimonial required from intending Students.

The fees are as follows :—

|                                                        | £  | s. | d. |
|--------------------------------------------------------|----|----|----|
| Entrance Fee (previous to Entrance Examination) ... .. | 2  | 2  | 0  |
| Admission Fee ... ..                                   | 5  | 5  | 0  |
| Resident Students* ... .. (per Term)                   | 21 | 0  | 0  |
| Non-Resident Students† ... .. (per Term)               | 10 | 10 | 0  |
| Preparatory Class ... .. (per Term)                    | 15 | 0  | 0  |
| Do. do. ... .. (Long Vacation Term)                    | 10 | 10 | 0  |

The principal Entrance Examination will be held at the beginning of the Michaelmas Term, and a Supplemental Examination will be held in January for those who cannot enter in October.

Examinations will be held at the end of each Term, and a list of the Students will be arranged in Classes, according to the results of the Examination.

The age of admission is from 20 and upwards.

No free Students. Boarders pay 63*l.* a year, and Day Students 31*l.* 10*s.*, with entrance fees in each case of 2*l.* 2*s.*, and admission fee of 5*l.* 5*s.* There is a fund for assisting Students, but there are no fixed rules for its application.

*Visitor*.—The Right Reverend the Lord Bishop of Chester.

*Principal*.—The Rev. W. Saumarez Smith, B.D., late Fellow of Trinity College, Cambridge.

*Vice-Principal*.—Rev. J. T. Kingsmill, M.A., Trinity College, Dublin.

*Tutor*.—The Rev. M. Kaufmann, M.A., Trinity College, Dublin.



## S. AUGUSTINE'S MISSIONARY COLLEGE, CANTERBURY.

(Founded as an Abbey, and endowed by King Ethelbert, A.D. 605 ; suppressed, A.D. 1538 ; Restored as a Missionary College, under Royal Charter, with a body of Statutes, A.D. 1848.)

*"Benedicat nos Deus : Et metuant Eum omnes fines terræ."*

The Missionary College of S. Augustine, Canterbury, was established by free contributions of Members of the Church, at the head of whom are Her Majesty the Queen, Her late Majesty the Queen-Dowager, and His late R. H. the Prince Consort. The greater part of the original fund was collected by the exertions of the late Rev. Edward Coleridge, of Eton College, and Mr. Beresford Hope, who has placed a beautiful carved oak altar table, mounted on Cumberland marble, in the crypt of the College Chapel in Memory of Lady Mildred Hope, his wife.

The College is on a portion of the site of the ancient Abbey\* of S. Augustine, including the principal gateway, and the buildings are the

\* Resident Students have to find their own bed-linen and towels, and to pay for fuel and lights which they may require.

† No Students are permitted to reside out of College, except those whose families or near relatives are residents in Birkenhead or the neighbourhood.

Chapel, Hall, Library, Warden's Lodge, Fellows' Buildings, and rooms for forty Students, and for twelve Foreigners.

The object of the College is "to provide an education to qualify young men for the service of the Church in the distant dependencies of the British Empire, with such strict regard to economy and frugality of habits, as may fit them for the special duties to be discharged, the difficulties to be encountered, and the hardships to be endured."

The College is formed on the general plan of the collegiate institutions of the English Universities—to consist of a Warden, Sub-Warden, and six Fellows.

The Students may be of any nation and rank in life, and are "under such Statutes, Rules, and Ordinances as are for the time being in force in the College." The principal clauses of the College Statute, relating to Students, are :—

"Candidates for admission into the College as Students will be submitted to a previous examination. They will be required to be in communion with the Church of England, and to bring with them satisfactory certificates of baptism, and of religious and moral character.

"They will not be admitted ordinarily under eighteen or above twenty-two years of age. But the Warden may, in special cases, dispense with this regulation on the subject of age. They shall sign a written promise to conform to the rules of the College, to obey those who are set over them, and diligently to pursue the studies appointed them. They shall also sign a written declaration of their deliberate intention to devote themselves, with all the powers of mind and body which God in His goodness has given them, to His service in the Ministry of the Church of England in the distant dependencies of the British Empire.

"The Students are required to attend the daily Morning and Evening Prayers in the College Chapel, and are exhorted to communicate monthly at the least, and oftener if they desire it, and the Warden consider them fit so to do.

"The Students shall have separate apartments, but shall take all their meals in common in the College Hall.

"They shall wear a distinctive dress, and their ordinary apparel shall be grave and sober.

"The ordinary course of instruction in the College will be completed in three years.

"The payments to be made by the Students for the expenses of their maintenance shall be from time to time fixed by the Warden, with the approbation of the Visitor, and shall be made in advance at the beginning of each Term."

The annual collegiate charge for the education and maintenance of each Student is 40*l*. This includes rooms, furniture, and attendance of College servants. It does not include the vacations, which are limited to three lunar months in the year, nor travelling and personal expenses, books, and stationery ; but the two last are furnished at a reduced price. The expense of cap, gown, and surplice is 3*l*. Each Student is expected to find his own sheets and towels. All other things are provided by the College. No fee of any kind, or caution money, is required on admission ; but every Student at the close of his residence, before receiving his College testimonials, is required to make a declaration that all his bills are duly settled.

In May, 1857, the use of a distinctive hood was sanctioned by His

Grace the Visitor of the College. The hood, accompanied by a diploma, is granted by the College to such matriculated Students as have completed the prescribed course, and have received missionary or colonial appointments.

The Terms of the College are two, and are fixed according to the discretion of the Warden.

There are 26 Exhibitions of considerable value to Students.

### COURSE OF STUDY.

#### *Junior Year.*

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| Scripture History.                   | Greek Classical Subjects.                |
| Gospels in Greek.                    | Latin Classical Subject and Composition. |
| Evidences of the Christian Religion. | General and Physical Geography.          |
| Pearson on the Creed.                |                                          |

#### *Middle Year.*

|                                                  |                                     |
|--------------------------------------------------|-------------------------------------|
| Scripture History continued.                     | Epistles in the Greek commenced.    |
| Wordsworth's Theophilus Anglicanus, Parts I. II. | Elementary Hebrew.                  |
| Pearson on the Creed.                            | Latin and Greek Classical Subjects. |
|                                                  | Elementary Mathematics.             |

#### *Senior Year.*

|                                                                  |                                               |
|------------------------------------------------------------------|-----------------------------------------------|
| Book of Common Prayer (Procter).                                 | Epistles in Greek.                            |
| Thirty-nine Articles (Browne).                                   | Hebrew.                                       |
| Butler's Analogy.                                                | Latin and Greek Christian Classical Subjects. |
| Church and Missionary History (Robertson; Neander; Massingberd). | Natural Philosophy.                           |
|                                                                  | Medical Course at Hospital.                   |

*Visitor of the College.*—His Grace the Lord Archbishop of Canterbury.

*Electoral Body.*—The Archbishops of Canterbury and York, and the Bishop of London.

*Warden.*—The Rev. Geo. Fred. Maclear, D.D.

*Sub-Warden.*—The Rev. T. Walker, M.A.

## S. BEES COLLEGE,

### CUMBERLAND.

This College was founded by Bishop Law, in the year 1816, endowed by the Earl of Lonsdale with the incumbency of the Parish of St. Bees, and recognized by Act of Parliament (3 and 4 Vic. cap. 77). Its object is to supply a good and economical education for Candidates for Holy Orders. The College course extends over two years: this period is divided into four Terms, during which residence is indispensable. The first Term commences about the 28th of January, and ends towards the 5th of May; the second begins about the 28th of August, and closes about the 5th of December. The third and fourth are like the first and second. Lectures begin punctually (Sundays excepted) on the 1st of February and 1st of September. Students are admitted either in January or August.

There being no Collegiate Buildings, each Student furnishes himself

with a house or lodgings in the village, under the direction and control of the Principal. The expense of board and lodging, with moderate economy, may be from eighteen shillings to twenty-four shillings a week for each Student. The fee for Tuition is 10*l.* a Term, paid each Term in advance; three guineas are paid by each Student when he comes into residence, in aid of a fund for keeping the College in repair and increasing the Library; the cap and gown cost about 1*l.* 10*s.*; this, with the additional cost of some prescribed books, includes all the necessary expenses. The Librarian, who is generally a distinguished Student of the College, is exempted from the payment of the College fee.

Before the admission of a Student, the Principal must be furnished with testimonials from two Clergymen of the Church of England; one of these must certify that the person in whose behalf it is given is a man of unblemished morality and consistent piety; that he is cordially attached to the Church of England; and fitted, by his general habits, character, and attainments, for the office of the ministry. It is desirable that it should also specify his age and condition, as well as his pursuits from the time when he left school to that in which the certificate is granted. If no single Clergyman can give the testimonial for the *whole period*, it may be covered by several. The other testimonial is to certify that the individual desiring admission has such a knowledge of the Greek and Latin languages that he can attend lectures upon the Greek Gospels and some easy Latin Author, with advantage to himself. No Student can continue a member of the College whose conduct is not in all respects satisfactory to the Authorities.

The ordinary limits of age are twenty-one and thirty-five. The testimonials may be sent in at any time during the three months previous to the commencement of that Term in which the Student proposes to begin his residence.

The course of study during the four Terms embraces Scriptural and Ecclesiastical History; the Evidences of Religion, external and internal; an expository knowledge of the New Testament; Lectures on the Creeds and the Articles of Religion; Theology, doctrinal and pastoral; and the composition and delivery of Sermons.

*Principal*.—The Rev. Edward H. Knowles, M.A., Hon. Canon of Carlisle.

*Tutors*.—The Rev. John Smallpiece, M.A.; the Rev. T. H. Shaw, M.A.

*Lecturer*.—The Rev. T. H. Shaw, M.A.

## S. BONIFACE MISSION-HOUSE,

WARMINSTER, WILTS.

ESTABLISHED OCTOBER 5TH, 1860.

This College was founded by the Rev. Sir James Erasmus Philipps, Bart., M.A., Vicar of Warminster, for the purpose of preparing young men (of the age of about sixteen and upwards) for S. Augustine's College, Canterbury, and other Missionary Colleges abroad, as Bishop's College, Calcutta, S. John's, Newfoundland, and for direct work in the Mission



Field, etc. It admits men of all classes in society, who seem to be gifted for Missionary work, and called to the same of God. Exceptional education can be offered to those who are of an advanced age, and cannot be admitted in consequence at S. Augustine's, etc. They are entitled Associate Students. Each application will be decided on its own merits.

The instruction given is in (1) the Latin and Greek Languages *ab initio*; (2) Mathematics (pure and mixed), if needed; (3) English Literature and Grammar, and general subjects, with a view to preparing them for any circumstances in which they may be placed; (4) Theology, the Old and New Testament History, Liturgiology, and Ecclesiastical History, etc.; (5) Gardening, Carpentering, Smith's work, Printing, and Bookbinding. Besides there are opportunities for teaching in the Night and Sunday Schools, and visiting the poor, when it is thought advisable, and their services are required. Singing is regularly taught, and instruction in playing on the Harmonium, etc., is also given.

The Students attend Matins in the Collège Chapel, and a short service in College in the evening. Also a Mid-day Service and Evensong, if so disposed. There is a Celebration in the parish on Sundays and Holy Days. Opportunities for special prayer and meditation are afforded at times, and it is intended by degrees, as thought fit from time to time, to give direct instruction in ministerial work, and the spiritual life.

The College is at present a large house, near the Parish Church, and there are about thirty Students. There is a Common room, and a Library.

The Terms are four in number, and are called Lent, Easter, Michaelmas, and Advent Terms. Lent Term begins about January 25th; Michaelmas about August 5th. The Vacations are five weeks at Christmas and seven at Midsummer, a week at Easter, and a few days between Michaelmas and Advent Terms after Commemoration Day. The two latter are usually spent in College.

The College charge is 40*l.* a year, including board, lodging, tutors, and washing. The S.P.G. make a grant to a certain number of the Students, of 10*l.* a year. This is attainable usually after a short stay at the College. Books can be obtained with 25 per cent. discount taken off at the College. It is recommended that 2*l.* worth a year be provided—the education being directly interfered with, if an insufficient number be granted. Otherwise the personal expenses of the Students are small, all extravagance and waste being discouraged, as inconsistent with the poverty which should more or less characterise all clergy, especially those who have chosen the Missionary life, and unjust to those who assist them in their stay at the College.

The College has the sanction of the Bishop of Salisbury; and there are 35 Students at present.

*Warden.*—The Rev. Sir James Erasmus Philipps, Bart., M.A.,  
Vicar of Warminster, and Prebendary of Sarum.

*Principal.*—The Rev. S. J. Eales, M.A.

*Vice-Principal.*—The Rev. G. S. H. Walpole, B.A.

*Tutor.*—E. F. Macreth, B.A.

## S. DAVID'S COLLEGE, LAMPETER, CARDIGANSHIRE.

Incorporated 1828. Founded by Bishop Burgess. The site of the College was the gift of Mr. Harford. Income from Endowment and Grant, about 1,000*l.* per ann. Students prepared for Holy Orders in the Church of England, at a cost of about 45*l.* per ann. for tuition, rooms, &c. The course extends to ten Terms—three Terms to the year. Numerous prizes and Scholarships.

This College possesses the exceptional privilege of conferring the Degrees of B.A. and B.D., and has been affiliated to the University of Oxford.

The Course of Instruction comprises the following subjects:—Theology, Classics, Mathematics, English, German, French, and Welsh.

Thus the Course embraces preparation for the Civil Service, and for other Professions, as well as for Holy Orders.

Nearly all the Scholarships on the original foundation, and all those recently endowed, are entirely open.

Students who enter in February and October are at liberty to compete for the Scholarships then vacant. The Examinations begin on or about the 1st of October and 1st February.

The Scholarships are tenable during residence in the College, but are forfeited by misconduct.

Prizes are given in Theology, Hebrew, Classics, Mathematics, Logic, History, the Natural Sciences, English, French, Welsh, and German.

The Bates Prize, value 14*l.*, is given to the Student who in his first year distinguishes himself most in Classics and Mathematics. Three Hebrew Exhibitions, one in Welsh, and one in Natural Sciences, of the value of 10*l.*, are awarded for the greatest proficiency in these subjects, and may be held with any Scholarship which does not exceed 40*l.* in value.

The College has by Charter the power of conferring the Degrees of B.A. and B.D., above referred to. The B.A. Degree can be obtained by Students who have resided nine full Terms, and who have passed all their Examinations satisfactorily. These Examinations take place each year in June, and are conducted by Examiners nominated by the Vice-Chancellors of the Universities of Oxford and Cambridge. For the Theological Certificate and for the Degree of B.D. a residence of ten Terms is necessary. This Degree can only be obtained five years after the candidate has taken Priest's Orders.

The matriculation fee is 1*l.* The sum of 20*l.* must also be deposited at entrance as caution money, which is returned whenever a Student leaves College.

The entire necessary expenses of a Student, including tuition, rooms, commons in Hall, &c., do not exceed 45*l.* per annum.

*Visitor*.—The Lord Bishop of S. David's.

*Principal and Professor of Greek*.—The Rev. J. F. Jayne, D.D.,

Fellow of Jesus' College, Oxford.

*Vice-Principal and Hebrew Professor*.—The Rev. W. Davey, M.A., Prebendary of S. David's, late Scholar of Lincoln College, Oxford.

*Professor of Mathematics and Natural Sciences*.—Arthur Wm. Scott, M.A.

*Latin Professor*.—The Rev. Charles G. Edmondson, M.A., Prebendary of S. David's, late Scholar of Trinity College, Oxford.

*Professor of English and Modern Languages*.—T. F. Tont, M.A.

*Welsh Professor*.—The Rev. John Owen, M.A., late Scholar of Jesus College, Oxford.

## SALISBURY THEOLOGICAL COLLEGE.

FOUNDED BY BISHOP HAMILTON, A.D. 1860.

The object of this Institution is to supply candidates for Holy Orders with religious and intellectual training, between the time of graduating at the University and entering the Ministry.

The College is designed for all who have taken their Degree at Oxford, Cambridge, or Durham ; or who have passed the Theological Examination at Trinity College, Dublin, and King's College, London.

Students may be admitted who have not graduated at the University, with the sanction of the Bishop ; such Students to remain at the College for two years *at least*.

Candidates for admission will be expected to produce testimonials of good conduct, and strict inquiry will be made of their fitness to enter upon this preparatory work.

Students are not confined in their choice of Curacies to the Diocese of Salisbury. The Bishop of Salisbury and some other Bishops will accept one year's residence at this College in lieu of the Divinity Certificate at Oxford and the Voluntary Theological Examination at Cambridge.

Students, before entering the College, are required to pass an examination in the Greek of S. Matthew's Gospel, in the English Bible, and in the first Book of Cicero de Officiis.

They reside in the College with the Principal, adopting a Collegiate life.

The length of residence for Graduates is one year, consisting of four Terms.

The Students attend daily the Cathedral and College Chapel Services. Surplice, cap, gown, and hood will be required.

The course of Lectures embraces the Old and New Testament, especially the study of the Psalter (as entering largely into future clerical life), the Doctrine and Liturgy of the Church of England, Church History, Patristic Reading, with the study of the Hebrew language. Practice in writing Sermons, and in preaching without book is given. Opportunities also are afforded for seeing parochial and school work.

The payments are 30*l.*, payable in advance at the beginning of each Term, and 1*l.* annually towards the Library.

The sum of 10*l.* will be required of each Student, upon his name being inserted in the College Books, which, upon his admission, will be deducted from the payment for the first Term.

These payments include all expenses connected with the College, for board, lodging, servants' wages, &c. ; but each Student is requested to bring his own sheets and towels.

The Terms are so arranged as to embrace the four Ember Seasons, viz Lent, Trinity, Michaelmas, and Christmas.

*Visitor*.—The Lord Bishop of Salisbury.

*Principal*.—The Rev. B. Whitefoord, M.A.

*Vice-Principal*.—The Rev. Charles W. Townsend, M.A.

## CATHEDRAL SCHOOL OF DIVINITY, TRURO.

### SCHOLÆ CANCELLARIÆ.

This School was founded in 1877, by the Rev. Dr. Benson, the then Bishop of Truro, now Primate of all England.

In the Cathedrals of the Old Foundation, it is the duty of a Canon, named the Chancellor (distinct from the Chancellor of the Diocese), to maintain Schools of Divinity in which men are trained for the work of the Ministry.

The foundations of such an Institution have been laid in Truro, and since the beginning of October 1877, students have been at work. There are now seventeen students receiving instruction.

There is a weekly Examination in one or more of the subjects, and Sermons are regularly composed and corrected.

All the Students are enabled to obtain experience in Parochial Work in Truro or the neighbourhood under the superintendence of the Clergy.

The course of Theological study is, in the main, shaped after the scheme put forth from time to time by the Theological Faculty of Cambridge, with a view to the "Preliminary Examination of Candidates for Holy Orders."

The Students attend the Cathedral for Morning Prayer and at other fixed times; and wear academic dress.

The ordinary term of Residence, unless the Student has taken a University Degree, is two years.

There are three terms in the year, averaging ten weeks each. The fees are 10*l.* a term, or 30*l.* a year.

*Principal*.—The Rev. G. H. Whitaker, M.A., Hon. Canon of Truro.

*Vice-Principal*.—Rev. G. S. H. Walpole, M.A.

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## WELLS THEOLOGICAL COLLEGE,

### WELLS, SOMERSET.

This College was opened on the 1st May, 1840, to Graduates of the Universities of the United Church of England and Ireland, desirous of preparing themselves for Holy Orders, and furnished with satisfactory testimonials.

The period of residence ordinarily required is one year, but in certain cases Graduates may be admitted for a shorter period of not less than two Terms. The year is divided into four Terms, with vacations.

The Bishop of Bath and Wells will accept the testimonial of a year's residence and of fitness for Holy Orders, in place of the certificate of having passed the Cambridge Voluntary Examination, or of having attended the usual Divinity Lectures at Oxford, and in very special cases, instead of the Dublin Divinity Testimonium.

Non-Graduates who come with sufficient recommendations, and are approved by the Bishop, may also be admitted as Students. These Candidates are

required to pass an entrance examination in elementary Bible-knowledge, and in Greek and Latin, and to reside two years at the College.

The general course of study consists of the Holy Scriptures, the Book of Common Prayer, and the Articles of the Church of England; Ecclesiastical History; Hooker, Bp. Pearson, Bp. Butler. Hebrew, and some of the Greek and Latin Church writers, form the subject of private Lectures. Attention is paid to the subject of Pastoral Theology, and opportunity is afforded for teaching in schools, and visiting the sick and poor; for practice in the composition of sermons, and of public reading; and for instruction in Church music.

The Students live in lodgings which are assigned by the Principal. They are required to conform to the College rules, and to pass satisfactorily the examinations at the end of each term, in order to obtain testimonials on leaving the College.

The College Fee is 30*l.* for each year, or 10*l.* per Term for any period less than the year, to be paid in advance into Messrs. Stuckey's Bank, Wells, to the account of the Trustees. In all cases a payment of 1*l.* 10*s.* towards the College Choir, and of 1*l.* 10*s.* to the Library, is required on admission. The cap, gown, and hood of Degree are used.

*Visitor*.—The Right Rev. the Lord Bishop of Bath and Wells.

*Principal*.—The Rev. E. C. S. Gibson.

*Vice-Principal*.—Rev. J. D. Murray, S. John's College, Cambridge.

*Chaplain*.—The Rev. T. S. Holme, B.A., Sidney Sussex College, Cambridge.



## S. STEPHEN'S HOUSE,

5, PARK STREET, OXFORD.

This House was opened in October 1876, as a place for the residence and training of candidates for Holy Orders, and especially of such as are looking forward to foreign Missionary work. It was originally intended only for Graduates; but, after some experience, it was decided to admit Undergraduates also: these latter, if intending to undertake Missionary work, may enter in their first year; if preparing for work at home, in their last year of residence.

The principal arrangements of the house are as follows:—There are three Terms in the year, corresponding with those kept by the Colleges, except that for Graduates the Summer Term extends six weeks into the Long Vacation, generally till the end of July. Undergraduates are required to reside for eight weeks in each Term, permission for longer residence being given when desirable. The charge for Graduates, including board, lodging, and tuition, is 81*l.* for the thirty weeks of their annual residence; for Undergraduates, 2*l.* per week for board and lodging. All meals are in common. There is a Chapel attached to the House, which is licensed by the Bishop, in which there are daily services; celebrations of the Holy Communion on Sundays, Holydays, and Thursdays; weekly addresses, etc. The Principal assists the Graduates as far as possible in their theological studies; the Undergraduates are chiefly engaged in reading for their University Exami-



nations. Opportunities are provided for helping in parish work, such as teaching in Schools, visiting, and preaching in a Mission Room.

The special peculiarity of the work which distinguishes it from that of other Theological and Missionary Colleges consists in the opportunities here afforded (1) for those who are about to be ordained for home-work, of attending University lectures and making use of the many advantages which Oxford affords, whilst definitely training for Holy Orders; and (2) for the preparation for Foreign work of University men who will be, it is hoped, fitted to deal with the more intellectual systems of heathen religion, and to meet the increasing demands for an educated Clergy among our emigrants and colonists. The work has already been blessed; and though the progress has been slow, there is reason to believe that S. Stephen's House has not only been useful in training men, and in some cases in assisting Missionary candidates to obtain a University education, which otherwise would have been beyond their power, but has also cheered and strengthened those working abroad by showing that an attempt is being made to give a distinct recognition to Missionary training within the University. It has also been found helpful in affording hospitality and assistance to Missionaries who wish for a time to reside in Oxford, whether for purposes of study, or in order to attend meetings.

*Patron.*—The Lord Bishop of Oxford.

*Principal.*—The Rev. J. O. Johnston, M.A.



## S. PAUL'S MISSION HOUSE,

BURGH-LE-MARSH, LINCOLNSHIRE.

This House was set apart for the Missionary work of the Church, on the Festival of the Conversion of S. Paul, January 28, 1878. There are 15 resident Students. Its design is to train young men who are resolved to devote themselves to Missionary work.

The course of instruction embraces English, Latin, and Greek, the Holy Scriptures, the Prayer Book, Theology. A portion of each day is spent in Gardening, Carpentering, etc. The Students attend daily Morning and Evening Prayer in the Parish Church of Burgh; and on Sundays they engage in some form of Church work under the direction of the neighbouring clergy.

Students are admitted at the commencement of either term, *i.e.*, in the fourth week either of January or of August. The first half of each term is a period of probation.

The annual charge for the maintenance of each Student is 40*l.*, paid in advance, one half at the beginning of each term.

*Principal.*—The Rev. T. Skelton, B.D., late Fellow of Queens' College, Cambridge.

*Chaplain.*—The Rev. Canon E. S. Sanderson, M.A., Vicar of Burgh.

## ISLINGTON CHURCH MISSIONARY COLLEGE, LONDON, N.

This College was founded on the 31st January, 1825, by the Church Missionary Society, and Students are trained for Holy Orders in the Church of England.

*Principal.*—Rev. T. Wortley Drury, M.A.

## EAST LONDON INSTITUTE FOR HOME AND FOREIGN MISSIONS.

HARLEY HOUSE AND COLLEGE, BOW ROAD, LONDON, E.

COUNTRY BRANCH :—CLIFF HOUSE, CUBAR, DERBYSHIRE.

The object of this Institute is to increase the number of efficient missionaries by training, both practically and intellectually, earnest and able young men (gratuitously if needed) for missionary service at home and abroad. The instruction given is mainly Biblical. More than 300 Students have been received, of whom nearly 200 have gone to China, India, Burmah, Japan, Africa, France, Spain, Italy, Syria, the West Indies, and the home field. Students are occupied during their training in mission work, preaching in halls, and in the open air, and those preparing to become medical missionaries attend lectures at a London Hospital.

*Honorary Director and Principal.*—H. Grattan-Guinness, assisted by Tutors and Lecturers.

## THE SOUTHWARK THEOLOGICAL COLLEGE, SOUTHWARK, (BLACKFRIARS ROAD, S.E.)

FOR TRAINING YOUNG MEN FOR HOME MISSION PRIESTS.

This Institution was begun in a small and tentative manner, and only originally intended to help a few who might come within the influence of the founder. It has, however, been so peculiarly blessed by the Great Shepherd and Bishop of our souls, that friends having liberally contributed to the College, new buildings were erected, and formally opened and blessed by the Lord Bishop of Winchester (the Diocesan) on Thursday, June 14th, 1877, so that that which otherwise could only have been a blessing to a few may be a public benefit to the Church of God in this land.

Never, perhaps, in the history of the Church of England has the need of faithful priests, trained for work among the degraded and neglected poor of our great cities, been more keenly felt. Large masses of the population are growing up in practical heathenism, and the working classes in especial, not only alienated from the Church, but hostile to it.

A numerous body of well-trained clergy must be brought into the field to meet spreading infidelity and secularism.

Those who would enter upon the great and difficult work of evangelizing men so long alienated from God, must first learn the language, the manners, habits, and modes of thought of those amongst whom they are to labour; must grow elastic in mind, able to adapt themselves to difficult circumstances, to sympathize with the people, and to understand poor people's ways and speech.

The wide separation between classes in England renders this impossible for those to attain who belong to a higher rank, except it be by much study and experience, acquired by constant intercourse with the poor in their own homes.

No wooden system or slavish adherence to ancient precedent in Home Mission work can reach the hearts of England's poor. Keen appreciation of the times we live in, delicate capacity for being all things to all men, without ever ceasing to be one's self, *i.e.*, God's priest; minute knowledge of the passions, the errors, the intellectual and moral evils of the day—all these are indispensable elements of modern ecclesiastical education, without which the ministry will fail to retain its hold over the faithful, or to win back the wandering sheep. Our soldiers are being armed with new weapons and modern tactics; and, in like manner, God's servants must be furnished with fitting arms for the novel warfare they have to encounter, if they are to contend successfully against the passions and weaknesses of the day. Our rising generation of priests must not be content only to seek a spirit of prayer, a habit of self-denial, or pure, single-minded faith; they must seek also the keenest apprehension of the special needs of our time.

To meet such wants as these, the Mission College has been established, which furnishes first, a basis of sound theological knowledge such as is supplied by other Theological Schools; and, secondly, a feature peculiar to this College, careful instruction in every branch of parochial work among the poor.

Students are employed in conducting Schools, Bible Classes, Clubs, Guilds, in visiting from house to house, and, when licensed by the Bishop of the Diocese, in conducting Mission Services and in preaching. In all these works, and others, too many to mention, careful instruction is given and ample opportunities for the Students to acquire practical experience, "that the man of God may be perfect, thoroughly furnished unto all good works."

Before admission to the College, applicants must be recommended by three clergymen to whom they are well known, and furnish a medical certificate that no physical infirmity exists such as would interfere with their future usefulness. They then reside in the College as Students, but if able to pass the following Examination, as Divinity Scholars:—

1st. In General Knowledge of Holy Scripture.

2nd. In one Latin and one Greek book, selected at the option of the Student from the following:—

Anselm. *Cur Deus Homo.* (Williams and Norgate, Henrietta Street.)

Augustine. *Doctrina Christiana.* (D. Nutt, Strand.)

Cicero. *Natura Deorum, or De Officiis.* (D. Nutt, Strand.)

The Gospel of S. Luke in Greek. (Deighton and Bell, Cambridge.)

Xenophon. *Anabasis*, Book I. (D. Nutt, Strand.)

Greek Liturgy of S. James. (Hayes, Henrietta Street.)

3rd. Latin and Greek Grammar.

The term of residence (ordinarily two years) dates from the time of passing this Examination.

Graduates of the Universities reside one year, but if they do not require the College diploma they can be admitted to study for shorter periods by special permission of the Warden.

The course of study comprises:—The Holy Scripture; the Old Testament in English, and the New Testament in Greek; the Prayer Book, with an examination of Primitive and Mediæval Liturgies; the doctrines of the Church of England, especially as set forth in her Creeds, Articles, and Standard Divines (Hooker, Pearson, &c.); Church History, Primitive, Mediæval, and Modern; Evidences, &c., *e.g.*, Butler, Blunt. Canon Law. Lectures are also delivered on the following subjects:—Dogmatic Theology, Pastoral Theology, Ecclesiastical History, Moral Philosophy, and Logic.

The manner of living is collegiate; all meals are taken in common, and all live under one roof, as in Colleges at the Universities.

The payment, including board, lodging, tuition, and college fees, is 52*l.* per annum, or 13*l.* per Term, paid in advance.

There are several Exhibitions connected with the College to assist poor Students.

Each Student, before being presented to the Bishop as a Candidate for Holy Orders, will be required to pass the standard of the Theological Faculty of Cambridge, and must have given full proof to the authorities of the College of his vocation to the ministry. The formal diploma or College certificate of Scholars of Divinity will be given at the Final Examination.

The year is divided into four Terms, arranged so as to embrace the four Ember Seasons,—Lent, Easter, Michaelmas, Christmas.

Students are not allowed to remain in College during the vacations without special leave of the Warden.

Parents wishing to dedicate their sons to Home Mission work can enter their boys at any age in the College School; and should they show a vocation for the work, will be admitted at the age of eighteen as Students of the College.

*Warden.*—The Rev. A. B. Goulden, Vicar of S. Alphege, Southwark.

*Tutors and Lecturers.*—Rev. A. A. Corfe, Cantab.; Rev. H. de Romestin, Oxon.



## DORCHESTER COLLEGE OF ST. PETER'S AND ST. PAUL'S FOR FOREIGN MISSIONS, DORCHESTER, OXON.

The above College was opened at Michaelmas, 1878, for the reception of Students of a superior class desirous of devoting themselves to the Foreign Missionary work of the Church; suitable premises having been liberally provided by a member of the Committee, at a cost of 3,000*l.*

The age for admission is eighteen, but Students may be accepted at sixteen, at the discretion of the Principal and Committee; an elementary knowledge of Latin and Greek is required at entrance. The annual inclusive payment will be 60*l.* per student, payable in equal proportions at the commencement of each of the three terms of residence, which comprise

forty weeks of the year, two years to be the minimum duration of the course of study.

The instruction will fit candidates for ordination, with elementary knowledge of medicine.

Intending Students may obtain fuller information from Rev. James C. Ross, Baldon Vicarage, Oxford, *Hon. Secretary*.

*Visitor*.—Rev. Edward King, D.D., Canon of Christ Church, and Regius Professor of Pastoral Theology in the University of Oxford.

*Principal*.—Rev. Edward Clarence Paget, M.A., of Keble College, Oxford.

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## THEOLOGICAL HALLS AT OXFORD AND CAMBRIDGE.

### RIDLEY HALL, CAMBRIDGE, FOR THEOLOGICAL STUDENTS.

At the Universities both of Oxford and Cambridge, special establishments have lately been erected for the training and instruction of Theological Students, "in the principles of the Reformed Protestant Church," avowedly in opposition to "sacerdotalism," as well as to "scepticism," as is stated in the circular issued by a joint committee of the two Universities. The Earls of Chichester and Harrowby, the Bishop of Ripon, the Bishop of Sodor and Man, Bishops Perry, Ryan, and Anderson, and the Deans of Canterbury, Gloucester, and Ripon are leading members of this committee. The two Halls which have been opened bear the names of Wycliffe and Ridley, historic champions of the Protestant Reformation in England, having an obvious significance with regard to the Church principles they are designed to uphold. Wycliffe Hall, Oxford, under the Rev. R. B. Girdlestone as Principal, was opened more than a twelve-month ago. Ridley Hall was opened in 1882. These halls are not intended, like Keble College at Oxford, and Selwyn College at Cambridge, to be new colleges for the reception of undergraduates, but are meant to be institutions for assisting to educate resident members of the University, who are candidates for Holy Orders, and to train them to become good ministers. For the accomplishment of this object, the Halls will supply for graduates desirous of pursuing their theological studies an economical residence within the University, so that they may be able to attend the various professors' lectures, and avail themselves of all the other facilities for education afforded at Oxford and Cambridge respectively. This arrangement will not disconnect the resident students from their own Colleges, and will, it is believed, prove very preferable to their going to a Diocesan College previous to their ordination. The Principals of the Halls will also give lectures to undergraduates, who, having passed the general examination required of all undergraduates, propose to take their degree in theology. These lectures will be supplemental to those of the Divinity Professors, and supply a void which, according to the testimony of some of the most eminent of these, the lectures cannot fill. Each Hall is under the government of a Council, composed of members of the University to which it is attached.

*Treasurer*.—John Deacon, Esq., Birchin Lane, E. C.

*Secretary*.—E. S. Morse, Esq., 18, New Bridge Street, London, E. C.



## WYCLIFFE HALL, OXFORD.

This Hall is designed as a place of study for Graduates who feel the need of special preparation for the ministry, or who wish for a quiet home whilst attending Divinity Lectures.

The course of study is mainly Biblical, special attention being directed to the scheme for the "Preliminary Examination of Candidates for Holy Orders." The study of Hebrew is encouraged, and introductory lectures are given on Christian Evidences, the Prayer-book, and Pastoral Work, with exercises in reading and preaching.

Each resident student has two rooms, but all meals are in common. The whole expense of rooms, board, and lectures is 21*l.* a term. Those who wish to stay up during part of the vacation can do so.

There are two Exhibitions, reducing the cost of residence nearly a half.

*Principal*.—The Rev. R. B. Girdlestone, M.A., Ch. Ch.

## SOCIETY FOR PROMOTING THE EMPLOYMENT OF ADDITIONAL CURATES.

*Office* :—7, Whitehall, London, S.W.

This Society was established in 1837, and its object is to send Missionaries to labour among the masses in our great towns; to supply the incumbents of the smaller towns with such a staff of Assistant Curates as may enable them to take efficient care of the souls committed to them; to send the Gospel message and the means of grace into the remote hamlets and scattered cottages of our wide agricultural parishes; to make provision for the 264,000 souls which are annually added to the population of the country.

The Society's grants are given quite impartially, where they seem most needed and likely to do most good, without regard to the theological opinions of Incumbents, who are left to choose their fellow-labourers, subject only to the Bishop's approval.

During the year 1876 the Society has been enabled to support, in whole or in part, the large number of 637 Clergy; thus raising the clerical staff of aided parishes from 838 to 1,475. The sum paid in grants through the Society's agency was 63,292*l.* 11*s.* 4*d.*

The aggregate population of the aided parishes amounted to 4,155,612; and thus by the Society's aid the average population under the ministrations of each clergyman was reduced to 2,817.

The number of unaided applications of parishes still on the Society's Register as needing help is no less than 305.

The income of the Society last year was 72,632*l.*, the previous year being 71,505*l.*

*Patron*.—Her Most Excellent Majesty the Queen.

*Vice-Patron*.—His Royal Highness the Prince of Wales.

*Presidents*. { His Grace the Archbishop of Canterbury.  
                  { His Grace the Archbishop of York.

*District Organizing Secretaries.*

*For the Dioceses of Canterbury, Chichester, London, Rochester, St. Albans, and Winchester.*—Rev. B. M. Kitson, B.A., 7, Whitehall, London, S.W.

*Asst. Org. Secretaries.*—Rev. C. Hardy Little, M.A., and Rev. A. Moore, M.A.

*For the Dioceses of Bangor, Hereford, Lichfield, Llandaff, S. Asaph, and S. David's.*—Rev. Robert Blakiston, M.A., Melbourne House, Castlefields, Shrewsbury.

*For the Dioceses of Ely, Lincoln, Norwich, and Peterborough.*—Rev. Anson Cartwright, M.A., 25, Humberston Road, Leicester.

*For the Dioceses of Bath and Wells, Exeter, Salisbury, and Truro.*—Rev. Thos. F. Dale, M.A., 1, Elstow Villas, S. James's, Exeter.

*For the Dioceses of Gloucester and Bristol, Oxford, and Worcester.*—Rev. A. E. Whish, M.A., 169, Walton Road, Oxford.

*For the Dioceses of York, Carlisle, and Durham.*—Rev. W. Dunn, M.A., 3, Blenheim Terrace, Redcar, Yorks.

*For the Dioceses of Chester, Manchester, and Ripon.*—Rev. J. Brame, M.A., 5, Irwell View, Old Trafford, Manchester.

*Diocesan Organizing Secretaries.*

*Chester.*—Rev. A. J. Tomlin, M.A., Lower Tramere, Birkenhead.

*Hereford.*—\*Rev. T. Shackleton, M.A., The College, Hereford.

*Salisbury.*—\*Rev. Preb. Codd, M.A., Beaminster Vicarage, Dorset.

*Collector.*—Mr. Leopold Taylor.

*Assistant Secretary.*—Rev. Robert Mackrell, M.A.

*Secretary.*

Rev. Arthur J. Ingram, M.A.; Offices, 7, Whitehall, London, S.W.

## ORDINATION CANDIDATES' EXHIBITION FUND.

*Office*:—7, Whitehall, London, S.W.

The object is to assist in supplying the necessary education to suitable Candidates for Holy Orders, who would otherwise be unable to obtain it.

It aims at attaining this object by granting Exhibitions not exceeding 60*l.* a year, to enable such Candidates to take a Degree at one of our Universities, or to complete a course at one of the Theological Colleges.

The rules are, that assistance towards enabling suitable men to procure the necessary education for qualifying themselves to enter Holy Orders shall in all cases be promised for a period not exceeding a year; but that such assistance shall be continued during the period required to obtain such qualification, unless, from inability to pass the University or College Examinations, or to satisfy the Committee as to his continued fitness for remaining a Candidate for Holy Orders, or from other cause, any person aided by this Fund shall, in the opinion of the Committee, render it undesirable for their aid to be further extended to him.

That the amount of assistance to be given shall in all cases be measured

by the necessities of the applicant, and shall not in any case exceed 60% in any one year.

That in all cases a friend of the Candidate for assistance, as well as the Candidate himself, shall be seen by a member of the Committee, or by some one appointed by the Committee, who shall report to the Committee in writing.

That in all cases this Society shall require that the Candidate to be assisted shall be approved by a majority of the Committee present, which shall also determine the extent to which he may be helped.

That Candidates for assistance shall satisfy the Committee that there is a reasonable probability of their being able to pass Responsions or the previous Examination at the Universities, or the Examinations at Colleges at the proper time.

That Candidates shall be required to make applications on a form to be provided by the Committee.

That, as a general rule, assistance shall not be given to those who have already entered upon a University or College course.

That, as a general rule, no Exhibition shall be given to Candidates under 20 years of age.

That the following understanding be made with each Exhibitioner:—

- (1) That in the event of any of the recipients of the grants from the Ordination Candidates' Exhibition Fund failing to be ordained Priest in the Church of England, he shall engage to repay to the Committee, at the earliest possible time, the money advanced for his education; and (2) that in the event of doubts as to his vocation for Holy Orders arising during his University or College career, he shall be bound in honour to communicate such doubts to the Committee.

Forms of Application for the Society's assistance may be procured at any time from the Secretary, 7, Whitehall, London, S.W.

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From a recent report referring to the Ordination Candidates' Exhibition Fund it would seem that the experience of the past has confirmed the anticipation that recent changes in the manner of awarding Exhibitions, Sizarships, &c., at the Universities has deprived the Church of many Candidates for Ordination. The almost inevitable result of a universal system of competitive Examination is to give the greater portion of the prizes contended for to the children of well-to-do people. In a few exceptional cases genius will conquer the difficulties arising from inferior education. But with men of average ability the scale will be turned by possessing or wanting the special instruction which can only be obtained by a liberal outlay of money. We find, therefore, that men, who under the old system of helping the poor at the Universities would have gained Exhibitions or Sizarships, are now displaced by the sons of the wealthier, who have been trained for the competition. As the old foundations are thus diverted from the purpose for which they were given, it is necessary to supply the void, if the Church would not lose many valuable men, whose services she greatly needs in the ranks of her Ministry.

It was to give some help towards supplying this want that this Fund was commenced. Its primary object is to assist young men of limited means to prepare for entering Holy Orders by taking a Degree at one of

our ancient Universities ; but it was thought better not absolutely to limit its operations, as in some few cases it might be desirable to assist men to complete a course of reading at one of the Theological Colleges.

During the three years that have elapsed since the Fund was commenced, there have been 195 applications for assistance. Seventy-three of these applicants have been enabled to receive a favourable answer, and of these 21 have entered as Students at Oxford ; 15 at Cambridge ; 6 at Durham ; 3 at Dublin ; 1 at King's College, London ; 2 at the Theological College, Lichfield ; 7 at the Theological College, Chichester ; and 13 at other Theological Colleges ; 5 have not yet matriculated.

With regard to the supply of clergy, the following remarks from the pen of Canon Liddon will be read with interest :—

“The ‘ Ordination Candidates’ Exhibition Fund ’ would probably be more generally supported by Churchmen if its existence and objects were more widely known.

“It owes its origin to the foresight and energy of Mr. Grégory ; and he has continued to superintend and extend its operations ever since its first establishment.

“The importance of such a fund at the present time is plain enough. On the one hand, the new districts which are constantly being formed, as well as ancient and well-worked parishes, are asking more and more earnestly for clerical workmen, if the Church is not to forfeit her opportunities. On the other hand, the men are to be had, but not immediately, nor exactly on the terms of former years.

“The diminished number of candidates for Holy Orders among the wealthier classes in this country is a fact to which we must make up our minds. It may be partly accounted for by the growth of an indefinite scepticism, which relaxes moral interest and enterprise in a larger area of society than that which it directly affects. Partly, too, it may be traceable to the unsettling results of recent controversies within the Church, and, as I have reason to fear, of recent mistakes in legislation. But the main cause is to be found in the new careers in all directions which are open to young men of good education in the rising generation, and which attract many whose moral and mental bent would have inclined them, under other circumstances, to seek Holy Orders.

“Side by side with this failure of the old sources of clerical supply, there is a remarkable and increasing disposition on the part of young men in poorer circumstances to devote themselves to ministerial work. Doubtless, in some few cases, the motive of this disposition is not a satisfactory one ; men hope to better a social position, or to maintain themselves on easier terms than at present. But, so far as I have had opportunities of observing, this remark by no means applies to the great majority. The so-termed “ prizes ” of the Church are comparatively few ; and the clerk who leaves a house of business to seek ordination knows that he thereby condemns himself, not unfrequently, in future years, to comparative poverty. At least, it has fallen in my way to know or hear of several young men who, so far as we can presume to judge, would become clergymen, if they could, from motives of pure and unselfish enthusiasm ; and who would probably be found, some years hence, among the most untiring and efficient of the Church’s workmen.

“The practical question is, how to enable them to prepare for Holy Orders. The men of whom I am thinking are clerks, masters in small schools,—

above all, the sons of poor clergymen. As a rule they are altogether dependent for their maintenance on their salaries; and they have either been imperfectly educated, or have forgotten what was learnt at school, and have to begin all over again, or nearly so. Where there are practical aptitudes for pastoral work, and tokens of sincerity of purpose, there is a natural disposition to overlook defective instruction in serious subjects, to say nothing of lack of that general breadth of information which we must all feel to be necessary, if we are to do our Master's work in the present day. To ordain men who are excellent but uninstructed is no kindness either to the ordained or to the Church.

"The Ordination Candidates' Exhibition Fund is an effort to assist young men of this description to complete their education with a view to ordination. Since 1854 the system of competitive examinations at the Universities has transferred their endowments, almost universally, to the sons of wealthy parents, who can pay for good schools and private tutors. Against these advantages, genius itself, if poor, has but a sorry chance; and the Church must expect to derive, in future years, comparatively few advantages from revenues which, whether before or since the Reformation, were mainly intended to supply the ranks of her ministry. Still, it is thought better, if possible, to assist the candidate for ordination to get his degree; not merely or chiefly because the degree is popularly considered a valid certificate of education, but because it is better to whet the mind upon history and philosophy before approaching the great questions which belong to theology.

"At the present time the fund is assisting thirty-two students. Of these eight are at Oxford, eight at Cambridge, one at Durham, seven at theological colleges, and eight have not yet matriculated. But it is supported by a small body of subscribers, and is altogether unable to meet the demand which its existence has revealed. At the last meeting of the Committee there were 122 applicants for assistance, and of these it was possible to assist only three.

"Possibly, in times to come, some fund of this kind will form part of the working machinery of every one of our dioceses. But the needs and the opportunities of the present moment are too great to allow us to wait for this. The Church needs men more than buildings, and men are to be had, if some effort is made to meet our changed and changing circumstances. To assist this effort, if not the most showy, is, I believe, one of the most useful ways of helping forward the Church's work that are open to her wealthier members in the present day.

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A most practical way of promoting the object of the Fund has been suggested by the Clergy of the Rural Deanery of Hampton in the Diocese of London. It will be found in the following Resolutions of the Chapter. In view of the serious difficulty which now exists as to the supply of Clergy, it was resolved at the Chapter held at S. James's Vicarage, New Hampton, on the 22nd of February last, that an effort should be made to assist two candidates for Ordination from a fund to be raised in the Deanery, and the Rev. D. Trinder, the Rev. Henry Vigne, and the Rural Dean were appointed a Sub-Committee to report on the arrangements necessary for carrying out the following scheme:—

- I. That a sum of not less than 65*l.* per annum be raised by contributions from the several parishes contained in the Hampton Deanery.



- II. That grants be given to assist young men either to qualify themselves for an University Degree, or to read at one of the Theological Colleges.
- III. That for the first two years the Exhibitioners may continue at their usual occupations, receiving a grant of 20*l.* per annum to assist them in attending Theological Lectures in the evening, but that in the third year they be required to give up their whole time to preparation for Holy Orders, and that a grant of 60*l.* be allowed them.
- IV. That the scheme be worked in connection with the Ordination Candidates' Exhibition Fund, established at 7, Whitehall, S.W. and of which the Rev. Arthur J. Ingram is Hon. Secretary.
- V. That Candidates be supplied from the Deanery, if suitable men can be found; but if not, that the General Society be requested to supply the vacancies.
- VI. That the Incumbent of each parish in the Deanery be invited to guarantee such sum as he may think fit : the money to be sent before 31st of December next, either to the Rural Dean, or to the Rev. Arthur J. Ingram, marked "The Hampton Deanery Ordination Candidates' Exhibition Fund."

*Secretary.*—The Rev. A. I. Ingram, M.A.

## MAGEE COLLEGE, LONDONDERRY.

This College, opened in October 1865, was established mainly for the education of Students connected with the Irish Presbyterian Church. It comprises a Literary and Scientific Department, and a Theological Department. In the former there are four chairs, of Greek and Latin ; Mathematics and Natural Philosophy ; Logic, Belles-Lettres, and Rhetoric ; Metaphysics and Ethics. In the latter there are three, of Church History and Pastoral Theology ; Oriental Literature and Hermeneutics ; Theology. The Professors who hold these chairs constitute the College Faculty.

In addition to them there are other teachers, namely, a Professor of Living Oriental Languages, and Tutors of Modern Continental Languages and Elocution.

The College Session begins in the Literary and Scientific Department on the third Wednesday of October, in the Theological Department on the first Tuesday of November, and ends in both departments on the first Friday of April.

At the opening of the Session, Matriculation Scholarship Examinations are held, and Scholarships and Prizes (founded by public subscription) are awarded, varying in value from 5*l.* to 25*l.*

The Faculty's Certificate in Arts (recognised by the General Assembly of the Irish Presbyterian Church as equivalent to a Degree) is given to those Students who, having completed their Undergraduate course, and having studied at least one Session at Magee College, pass a satisfactory Examination in a prescribed course comprising all the subjects taught in the Literary and Scientific Department.

At this Examination, Students may also compete for Honours in any or

all of the following subjects : Classics, Mathematical and Physical Science, Mental and Moral Science. Gold and Silver Medals and Certificates of Merit are awarded to those who gain First Class, Second Class, and Third Class Honours respectively.

#### OFFICE-BEARERS OF FACULTY.

*President.*—Rev. T. Croskery, M.A.

*Secretary.*—Professor J. MacMaster, M.A.



## WESLEYAN CLERICAL COLLEGES.

### WESLEYAN THEOLOGICAL INSTITUTION.

These Colleges were founded in 1834 for the training of young men for the Ministry, and they are divided into three branches—one at Richmond, near London, one at Didsbury, near Manchester, one at Headingley, near Leeds, and in 1881 a branch was opened in Birmingham. The Richmond Institution is for the training of young men for the Foreign Missions. From the general report of the three Colleges recently issued it appears that the gross income is about 12,396*l*, and the expenditure something less. The income is derived from legacies, donations, subscriptions, and collections. The following districts are the highest contributors—Manchester, 705*l*.; Leeds, 582*l*.; Liverpool, 527*l*.; Second London, 504*l*. The two largest legacies ever left to the fund were paid to the treasurer in 1874—one from Mr. J. Heald, of Parr's-wood, for 5,000*l*.; and one from Mr. J. Fernley, of Southport, for 2,000*l*. The regulation is that the students should attend College for three years, while a few who specially distinguish themselves are allowed a fourth year. Up to this time many of the students have been sent from the Colleges before their three years were up, in order to supply vacancies in circuits caused by the sickness or death of ministers. There is a growing feeling against this shortening of the proper term of study, and strenuous efforts will be made to remedy it. A suggestion has already been made that the term of residence for all students should be extended to four years, and that the fourth year students should constitute the reserve list from which to fill up vacancies as they occur in the circuits. The general course of study includes Theology, Hebrew, Greek Testament, Textual Criticism, Logic, Philosophy, Classics, Mathematics, French, German, and English. The students preach almost every Sunday during their whole time of residence. The lessons in elocution are generously paid for by Mr. Isaac Holden. A beautiful chapel, costing 15,000*l*., has been presented to the Didsbury College by Miss Heald and Mr. W. N. Heald, in memory of the late Mr. James Heald. The Rev. John Farrar, of London, and Mr. Alderman Mitchell, of Bradford, are the general treasurers for the Colleges fund.

*General Secretaries.*—Revs. W. J. Tweddle and C. H. Kelly.

*Local Secretaries.*—Southern Section, Revs. T. Akroyd and P. Thompson ; Northern Section, Revs. J. C. Woodcock and D. C. Ingram.

The branches now open are—

# RICHMOND MISSIONARY COLLEGE, OPENED SEPT. 15TH, 1843.

RICHMOND, SURREY.

Students are received and prepared for the Wesleyan Ministry.

*Governor.*—The Rev. D. Sanderson.

*Theology.*—The Rev. G. Osborn, D.D.

*Classics.*—Rev. F. B. Napier, B.A. ; Rev. W. T. Davidson, M.A.

*Assistant Tutor.*—Rev. W. H. Findlay, M.A.

# DIDSBUBY COLLEGE, OPENED SEPT. 22ND, 1842,

NEAR MANCHESTER.

Students are received and prepared for the Wesleyan Ministry.

*Governor.*—The Rev. W. Jackson.

*Theology.*—The Rev. W. B. Pope, D.D.

*Classics and Sacred Languages.*—The Rev. J. D. Geden.

*Mathematics, &c.*—The Rev. A. J. French, B.A.

*Assistant Tutor.*—The Rev. G. A. Bennetts, M.A.

# HEADINGLEY COLLEGE, OPENED SEPT. 25TH, 1868,

NEAR LEEDS.

Students are received and prepared for the Wesleyan Ministry.

*Governor.*—The Rev. B. Hillier.

*Theology.*—The Rev. J. S. Banks.

*Classics.*—The Rev. J. G. Findlay, B.A.

# BIRMINGHAM COLLEGE, OPENED SEPT. 1881,

AT HANDSWORTH.

Students are prepared and received for the Wesleyan Ministry.

*Governor.*—Rev. J. Hartley, M.A.

*Classics.*—Rev. W. Foster, B.A., and Rev. R. N. Young.

*Theology.*—Rev. W. Macdonald.

# GENERAL ASSEMBLY'S PRESBYTERIAN THEOLOGICAL COLLEGE, BELFAST.

This College was established in 1847, and has a Government endowment of 1,750*l.* per ann., commuted for capital sum of 39,500*l.*, under Irish Church Act, with houses and land. About 125 Students are trained for the Presbyterian Ministry, paying 2 guineas per term for each class. Instruction in Theology, Church History, Biblical Criticism, Greek, Hebrew, Chaldee, Hindostanee, &c. No free Students or Boarders. There are 4 Scholarships of 20*l.* each, 6 of 25*l.* each, tenable for one year, and 8 of 10*l.* each. Scholarship examinations take place in the first week in November. College opens the first Tuesday in November, and closes second Wednesday in April.

*President.*—Rev. W. D. Killen, D.D.

*Secretary to the Faculty.*—Rev. R. Watts, D.D.

## METHODIST COLLEGE, BELFAST.

This College was founded in 1868. Endowment, 20,000*l*.

*President and Treasurer.*—The Rev. Joseph W. McKay.

*Theological Tutor.*—The Rev. W. P. Applebee, LL.D., T.C.D.

*Head Master.*—Henry R. Parker, D.D., and 12 assistant Masters.

## BAPTIST COLLEGE, BRISTOL.

MISSIONARY INSTITUTE AND DR. WARD'S TRUST.

This College was founded in 1770. The income is about 1,400*l*. per ann. Students are prepared for the Baptist Ministry. This College is in union with the University of London.

*President.*—Rev. F. W. Gotch, LL.D.

*Secretary.*—Rev. R. Glover, 15, Westfield Park.

CONGREGATIONAL THEOLOGICAL INSTITUTE, BRISTOL,  
UPPER BYRON PLACE.

This College was established in 1863 by the Bristol and Gloucestershire Congregational Union. The course of study extends over three years, and Students are engaged in practical Mission work. The instruction embraces English Language and Literature, Logic, Christian Evidence, Biblical Literature and Exposition, and Ecclesiastical History. The Session extends from September to June. Candidates must be members of Congregational Churches, specially recommended by those Churches and by two Ministers. A probation of three months is required before Students can be fully admitted. Twenty-two Students are received.

*Principal.*—Rev. J. P. Allen, M.A.

*Secretary.*—Rev. A. Wilson, M.A.

## BAPTIST COLLEGE, CHILWELL, NEAR NOTTINGHAM.

Instituted in 1797 (in Chilwell in 1861), for the education of Students for the Baptist Ministry. Receives about 12 at a time. Income about 750*l*.

*Principal.*—The Rev. T. Goadby, B.A.

With assistant Masters.

## BAPTIST COLLEGE, NORTH GATE, REGENT'S PARK.

This College was founded in 1810, and has an annual endowment of 500*l*. 45 Students are trained for the Baptist Ministry. Lay Students are also educated and maintained. There are 3 Scholarships for Lay Students, of 40*l*. each, tenable for 3 years, and 12 for Ministerial Candidates, of 50*l*. each, tenable for 4 years. Preparation for the B.A. and M.A. Degrees in the University of London. There are 12 weeks' vacation in the year.

*President.*—Rev. Joseph Angus, M.A., D.D.

*Secretary.*—The Rev. G. W. Fishbourne.

## PRIMITIVE METHODIST COLLEGE, SUNDERLAND.

This College was founded in 1868. Instruction in Theology, English, Latin, and Greek. About 25 Students are in attendance.

*Principal*—Rev. T. Greenfield.

## NORTH WALES BAPTIST COLLEGE, LLANGOLLEN.

This College was founded in 1862. About 25 Students attend.

*President and Theological Tutor.*—Vacant.

*Secretaries.*—Rev. H. C. Williams, M.A., Corwen, and E. D. Wilks, Oswestry.

ENGLISH PRESBYTERIAN THEOLOGICAL COLLEGE, LONDON,  
QUEEN SQUARE HOUSE, GUILDFORD STREET, W.C.

This College was established in 1844. No Student is entered on the roll of the College as a regular Theological Student of the first year unless he produce either (1) a diploma of M.A. or B.A. from a chartered University of the British Empire, or (2) class tickets and certificates of attendance at a College or University for three Sessions, and has passed an examination in Latin, Greek, Mathematics, Mental and Moral Philosophy (including Logic), and other subjects. This College affords Theological instruction to Students who propose to enter the ministry of the Presbytery of the Church of England, and the course of study extends over three years, each Session commencing in October and ending in April. There are numerous scholarships and bursaries. Rooms are provided in the College for such Students as desire to become resident; the class fees for such Students are 3*l.* 3*s.* a year, for other Students 2*l.* 2*s.* The household expenses for those in residence amount to about 15*s.* weekly.

*Principal.*—Rev. W. Chalmers, D.D.

*Chairman of Examination Board.*—Rev. W. Ballantine.

*Secretary.*—Rev. W. Dinwiddie, LL.B.

## THE NORTHERN BAPTIST EDUCATION SOCIETY, BRADFORD.

The object of this Society is the general improvement of pious young men, recommended by the Churches to which they belong as possessing promising abilities for the ministry.

*President.*—Rev. T. Geo. Rooke, B.A.

*Classical Tutor.*—Rev. William Medley, M.A.

*Secretary.*—Rev. R. P. Macmaster, Bradford.

## RAWDON COLLEGE, LEEDS.

This College was founded at Bradford in 1805, for training candidates for the Baptist Ministry. 26 Students are received and educated, all residents for either 3 or 5 years, in Classics, Mathematics, Biblical Criticism, Theology, etc. Endowment, under 150*l.* per ann. Supported by voluntary subscriptions. Approved Candidates are maintained and educated gratuitously. There are 4 Scholarships. Vacations, 12 weeks.

*President and Theological Tutor.*—The Rev. T. G. Rooke, B.A.

*Classical and Philosophical Tutor.*—Rev. W. Medley, M.A.

## BAPTIST COLLEGE, HAVERFORDWEST.

This College was established in 1839. The income is about 900*l.* per ann. About 20 Students are admitted after examination, and are prepared for the Baptist Ministry.

*President.*—Rev. T. Davies, D.D.

*Secretary.*—Rev. J. Jenkins, Newport, Pembrokeshire.



## BRECON MEMORIAL COLLEGE.

This College was founded at Abergavenny, 1755. After sundry local removals, transferred to Brecon in 1839. Is intended for training 40 Students in Divinity, etc., for the Congregational Ministry. It is in union with the University of London. The income is 1,650*l.* per ann. Candidates for admission must be single men between 18 and 24 years of age.

*Principal.*—Rev. J. Morris.

## CONGREGATIONAL INSTITUTE FOR MISSIONARY AND PASTORAL TRAINING, NOTTINGHAM.

About 60 Students are prepared for mission and pastoral work, some for the older Colleges connected with the Congregationalist Ministry. Students board with private families at the cost of the Institute. Income, about 2,200*l.*

*Principal.*—Rev. J. D. Paton, M.A.

## PRESBYTERIAN COLLEGE, CAERMARTHEN.

This College was founded in 1717, and is supported by the Presbyterian Board, London. About 30 or 40 non-resident Students are gratuitously educated for the Nonconformist Ministry. No religious test is imposed. Students are admitted between the ages of 16 and 30, after having passed an examination in the elements of Classics, English, and Mathematics, and they are afterwards further educated in Hebrew, Greek, Latin, Mathematics, Theology, etc. There are 4 Exhibitions of 25*l.* a year each. Examinations appointed by the Presbyterian Board are held at Midsummer. There are 3 months' vacation, from July to October, and short vacations at Easter and Christmas.

*Principal.*—Rev. G. Vance Smith, D.D.

## UNITARIAN COLLEGE, MANCHESTER.

*Principal and Literary Tutor.*—Rev. W. Gaskell, M.A.

## PROTESTANT DISSENTERS' COLLEGE, ROTHERHAM,

Established 1795, to educate young men for the Congregationalist Ministry. Each candidate must be a member of an Independent Church, and be recommended by it to the Committee of the College. After a preliminary Examination, Students pass through a six months' probation. The period of study may extend to 4 or 5 years. Income of the College, about 1,500*l.* per ann. Thirty resident Students.

*Principal.*—Rev. F. J. Falding, M.A., D.D.

*Professors.*—Rev. C. C. Tyte and Rev. Philip C. Barker, M.A., LL.B.

## MANCHESTER METHODIST FREE CHURCH COLLEGE.

*Principal and Theological Tutor.*—The Rev. W. Patterson.

## AIREDALE COLLEGE, UNDERCLIFFE, NEAR BRADFORD, YORKSHIRE.

Founded 1784, and transferred here in 1824. About 22 Students prepared for Congregationalistic Ministry, who are admitted upon the nomination of some Congregationalistic Church. Probation, 6 months. The full term of study is 6 years. Income, 1,800*l.* per ann.

*Principal.*—Rev. A. M. Fairbairn, D.D.

## BAPTIST THEOLOGICAL INSTITUTION, MANCHESTER.

*President*.—Rev. E. Parker.*Honorary Secretary*.—Rev. J. Harvey, M.A., Bury.

## BAPTIST COLLEGE, PONTYPOOL, MONMOUTHSHIRE.

Founded at Abergavenny, 1807; removed to Pontypool, 1836. Educates about 25 Students for the Baptist Ministry. Income, about 1,100*l*.

*President and Theological Tutor*.—Rev. W. Edwards, M.A.*Secretaries*.—Rev. T. Lewis, at Risca, and Rev. D. B. Jones, at Caerleon.

## WESTERN COLLEGE, PLYMOUTH.

In union with the University of London. Established in 1752, by the London Congregational Fund Board, to educate Students for the Congregational Ministry. Each candidate for admission must be recommended by his Pastor and the Church to which he belongs, and must undergo a preliminary examination in religious principles and literary attainments, and afterwards a probation of 4 months. The full term of study is 5 or 6 years, as may be decided by the committee at the end of the second year, on the reports of the Tutors. The College is open to young men of all denominations as lay students and non-resident. The fee for each branch of study is 6 guineas per session, to be paid in advance. Sons of ministers are at liberty to pay half fees. Number of Ministerial students admissible, 20. Income, about 1,400*l*. per ann.

*Principal and Professor of Theology, Hebrew, and Mental Philosophy*.

Rev. C. Chapman, M.A.

*Secretary*.—Rev. C. Wilson, M.A.

## METHODIST NEW CONNEXION COLLEGE, RANMOOR, NEAR SHEFFIELD.

*Principal*.—Rev. W. Cocker, D.D.

## BAPTIST THEOLOGICAL INSTITUTION, PAISLEY, SCOTLAND.

Instituted in 1856. The Theological Session is for two months during summer, and during University Session Students take Art Classes in Glasgow University. Twenty-two Students are received.

*Principal*.—Rev. Dr. Flett, Paisley.

## [THE THEOLOGICAL COLLEGE OF THE EPISCOPAL CHURCH IN SCOTLAND, EDINBURGH.

This College, which was designed for the reception of Students for Holy Orders, whether in England or Scotland, was, until recently, conducted at Trinity College, Glenalmond. It had its origin in the pious benefaction of Katherine Panton, residing near Aberdeen, "erecting and endowing a seminary of learning, or theological institution, for the education of young men desirous to serve in the sacred ministry of the Scotch Episcopal Communion."

In 1833, the Rev. Dr. Andrew Bell founded in connection with the Institution the Lectureship which bears his name.

The valuable Library of the Right Rev. Alexander Jolly, D.D., Bishop of Moray, was bequeathed to the Institution in 1838.

The first Professor of Theology was James Walker, D.D. (afterwards Bishop of Edinburgh, and Primus). He was assisted in his duties in the Theological Institution by Michael Russell, LL.D. (afterwards Bishop of Glasgow), as Lecturer in Ecclesiastical History. On the death of Bishop Walker in 1841, the duties of the Professor were performed by his successor in the see of Edinburgh, Right Rev. C. H. Terrott, D.D., up to the year 1848, when the Institution was removed to Trinity College, Glenalmond; the Warden, Rev. Charles Wordsworth, D.C.L. (now Bishop of St. Andrew's), being appointed Pantonian Professor.

The offices of Warden and Pantonian Professor were also held conjointly by the two Wardens next succeeding, Rev. Dr. J. Hannah (now Archdeacon of Lewes) and Rev. Dr. Robinson Thornton. During this period the position of Lecturer in Ecclesiastical History was for a time held by Rev. W. Bright (now Regius Professor of Ecclesiastical History, Oxford).

On the resignation of Dr. Thornton, in 1873, the offices of Warden and Pantonian Professor were separated.

In consequence of a destructive fire at Trinity College, Glenalmond, in which the buildings occupied by the Divinity Students were burned to the ground, the Theological Classes were removed temporarily to Edinburgh, in January, 1876; and in the following year the Bishops determined that the Theological College should be situated permanently in that city. The Course of Studies extends over two Sessions, commencing 25th October, and ending 31st May. There is a fortnight's vacation at Christmas and Easter. But Students required under section 7 to attend University Lectures are not exempted from attendance on such University Lectures as may be delivered during these vacations. Ordinarily the Classes may be joined only in October. The subjects of study include those in which candidates for Holy Orders are commonly required to answer at the Bishops' Examinations in Scotland and England. The *Testamur* is not granted to any Student who has not completed the required course, and passed the final examination. The Classes meet, at present, in the Old Manor House, Precincts of S. Mary's Cathedral, Edinburgh. Students, before receiving the *Testamur*, will be required to show certificates of having attended the lectures of the Professor of Metaphysics or the Professor of Moral Philosophy in the University of Edinburgh, or any University or College named in Canon X.

No one can be received as a Divinity Student who has not been confirmed and become a communicant; and every candidate for admission is required to bring a testimonial of good character from the Bishop of the Diocese, or at least from the Clergyman of the congregation to which the applicant belongs, recommending him as a fit and proper person to enter upon a course of preparation for Holy Orders. All candidates for admission are required to pass an examination in the Four Gospels in the original Greek, the Sacred History of the Old and New Testament, and Paley's Evidences of Christianity. Those who are not Graduates in Arts will be further required to pass a preliminary examination in the following subjects:—Cicero: *De Officiis*, lib. i. Xenophon: *Memorabilia*, lib. i. Students are permitted to reside in such lodgings only as may be sanctioned by the Pantonian Professor. Students, while in residence, are responsible to the Pantonian Professor for their conduct. Any serious case of misconduct or violation of the obligations resting on those who are candidates for the

sacred office of the ministry in Christ's Church shall be immediately reported by the Professor to the Council, and its decision thereupon shall be final. Students are required to attend Divine Service daily at the Cathedral, unless for special reasons exempted by the Pantonian Professor. Students are required to wear their academic costume at Divine Service and at Lectures. On Sundays and Holy-days surplices are worn at Divine Service. Students wishing to gain some practical knowledge of parochial work must apply to the Pantonian Professor, who, should he approve of the application, will make suitable arrangements, under the sanction of the Bishop of the Diocese.

The fees are 12*l.* for each year, payable half-yearly in advance. This does not include the fees for the University Lectures, which are 4*l.* 4*s.*

Students holding Pantonian Bursaries are exempted from the fees payable to the Theological College. The following are the Bursaries, viz.: Pantonian Bursaries, at present of the annual value of 15*l.*, bestowed by the Bishops; the Jamieson Bursary, of the annual value of 20*l.*; the Luscombe Scholarship, of the annual value of 21*l.* 15*s.* 10*d.*; the Houblon Bursary, of the annual value of 18*l.*

The S. P. C. K. Endowment. The interest on 1,000*l.* at 4 per cent. supplies each Student with the principal text-books required at Lectures, including Hooker, Pearson, and Butler. The surplus, if any, will be disposed of by the Council in making additions to the College Library.

Every Candidate for admission is required to pass an examination in the following subjects:—

1. The Sacred History of the Old and New Testament.
2. The Four Gospels in the Original Greek.
3. Paley's Evidences of Christianity.
4. The first two Books of Xenophon's *Anabasis* to be construed and parsed.
5. Cicero de Officiis to be construed and parsed.
6. A passage of English to be translated into Latin.

He must also have been confirmed and become a communicant; and must produce a testimonial of good character from his Clergyman. He is expected to provide himself with cap, gown, and surplice. Applications for admission, or further information, may be made to the Rev. Pantonian Professor, Old Manor House, S. Mary's Cathedral, Precincts, Edinburgh.

There is also a Public School Department, for which see Trinity College, Glenalmond, page 627.

*Trustees*—The Bishops of the Scottish Church.

*Council*—The Right Reverend the Primus; The Right Reverend the Bishop of S. Andrews; the Right Reverend the Bishop of Edinburgh; the Right Reverend the Bishop of Glasgow; The Pantonian Professor of Theology.

#### LECTURERS.

*Theological and Ecclesiastical History*.—Rev. John Dowden, D.D., Pantonian Professor of Theology.

*Apologetics*.—Rev. John G. Cazenove, D.D., late Provost of Cumbræ College.

*Pastoral Theology*.—Very Rev. James F. Montgomery, D.D., Dean of Edinburgh.

## FREE CHURCH OF SCOTLAND THEOLOGICAL COLLEGES.

There are three Colleges or "Divinity Halls," one in Edinburgh, one in Aberdeen, and one in Glasgow, and candidates are trained for the ministry, after Students have completed Undergraduate course at one or other of our Universities. The average endowment from all sources is about 4,000*l.* among the three Colleges. An entrance examination must be passed by all regular Students, except by those who have passed whole or part examination at a University for Degree in Arts. The course of study consists of four years' regular attendance. In each College Principal and Professors form a *Senatus Academicus*.

## CHURCH OF SCOTLAND DIVINITY HALLS.

These are the Faculties of Divinity in the four Universities of Scotland. See Universities Section, Part III.

## EDINBURGH COLLEGE.

Instituted in 1843. College opened in 1850. 137 Students.

*Principal*.—Rev. Robert Rainy, D.D.

*Secretary*.—Professor Duns, D.D., and seven Professors.

## COLLEGE OF S. MARY, EDINBURGH.

*Principal*.—The Very Rev. John Tulloch, D.D.

THEOLOGICAL HALL OF THE CONGREGATIONAL CHURCHES  
OF SCOTLAND.

This institution was founded in 1811.

*Principal*.—Dr. W. L. Alexander, F.R.S.E.

*Professor of Biblical Criticism*.—Dr. A. T. Gowan.

*Secretary*.—Rev. J. M. Jarvie, Greenock.

## ABERDEEN COLLEGE.

This College was founded in 1843, and about 40 Students are in attendance.

*Principal*.—David Brown, D.D.

*Acting Librarian*.—William Cruikshank, A.M.

## GLASGOW COLLEGE.

This College was founded in 1855, and the College buildings were opened in 1857. 85 Students attend.

*Principal*.—G. C. M. Douglas, D.D.

*Clerk of Senatus*.—J. S. Candlish, D.D.

UNITED PRESBYTERIAN COLLEGE, CASTLE TERRACE,  
EDINBURGH.

Founded in 1739, and removed to present site in 1879.

*Principal*.—Rev. John Cairns, D.D.

*Clerk of Committee*.—Rev. T. Jordan.



## CONGREGATIONAL.

THE COUNTESS OF HUNTINGDON'S COLLEGE,  
CHESHUNT, WALTHAM CROSS.

This College was founded in 1768, and is supported by an endowment, value about 800*l.*, and by annual subscriptions. It is specially designed to educate young men for the Christian ministry, without regard to denominational peculiarities. Instruction is given in Latin, Greek, Hebrew, Mathematics, Theology, &c.

The College originated in the necessity for seeking and preparing the Agency required for developing the great evangelistic work to which the Countess of Huntingdon devoted herself and her all. Her Ladyship, accordingly, took upon lease Trevecca House, in the parish of Talgarth, county of Brecon, and publicly opened it as a College, on the 24th of August, 1768 (being the anniversary of her birth), by a sermon preached by her Chaplain, George Whitefield, from the words (Exodus xx. 24) : "In all places, where I record my name, I will come unto thee, and bless thee." This College was sustained by the Countess, upon her sole responsibility; and from it were sent forth upwards of one hundred and fifty ministers.

As the Countess had but a life interest in her income, a Society was established under her patronage, on the 17th of October, 1787, called the "Apostolic Society," for "supporting and perpetuating the Countess of Huntingdon's College." Seven gentlemen were appointed trustees, and to them her Ladyship bequeathed the library, furniture, communion-plate, and all her other property at Trevecca. Lady Huntingdon died on the 17th of June, 1791, and was buried in the sepulchre of her fathers, at Ashby-de-la-Zouch. Immediately after, at a meeting of the "Apostolic Society," it was resolved that the College should be removed to the neighbourhood of London; and hence the purchase, for 950*l.*, of an estate of upwards of nine acres at Cheshunt, Herts—upon which was a large and substantial house; the distance from London being about 14 miles.

The house was publicly opened as the New College on the 24th of August, 1792. A Chapel was added in 1806 (renovated and enlarged in 1863), and in 1821 the College proper was erected, for the accommodation of twenty-two Students. In 1861 an adjoining estate, consisting of about two acres, was added to the College property; and by the erection on a part of this estate of the President's new house, room was provided in his former residence for six additional Students. The Centenary Year, 1868, was celebrated by further improvement and enlargement of the College buildings (at a total cost of nearly 10,000*l.*), consisting of new wing with tower, new class-rooms, library, housekeeper's department, and the reconstruction of the dining hall. There is now ample accommodation for upwards of forty Students. It was not until the year 1782 that the Countess of Huntingdon and her coadjutors formally seceded from the Church of England. The Rev. Thomas Wills and the Rev. William Taylor, who had been ordained in the Established Church, then withdrew from it under the protection of the "Toleration Act," and took the oaths of allegiance as Dissenting Ministers. They appear to have been the responsible authors of the well-known Fifteen Articles required by the Trust Deed to be sub-

scribed by the Trustees, Tutors, and Students of the College. On Sunday, the 9th of March, 1783, these Articles were publicly read at Spafelds Chapel, at the ordination of ministers, in connexion with the Countess of Huntingdon; and it was at the same time announced, that the Articles had on the day previous been signed,—first by the two ordaining ministers, Messrs. Wills and Taylor, and then by the six Students about to be ordained.

It is important to observe, that though the Articles are decidedly Calvinistic in their character, the Trust Deed is, with respect to Church Polity, most Catholic in its spirit and arrangements—empowering the Trustees to call to their assistance, on occasion of the election of Tutors, or the admission of Students, “one or more of the principal minister or ministers serving in the connexion of the late Countess of Huntingdon, or any other minister or ministers whom the Trustees for the time being shall think proper;” and providing, not only in general terms for the admission of Students to serve in the ministry “at home or abroad, and either in the late Countess of Huntingdon’s Connexion or otherwise, as they afterwards shall think proper;” but distinctly intimating that “if such Student or Students shall prefer to be ordained, and serve in the Established Church, or other Churches of Christ, it shall and may be lawful for him or them, and he or they shall be at full and free liberty so to do.”

Hence the following declaration of the Trustees and Committee, first occurring in the Annual Report for 1822, and since continuously repeated: “The object of this Institution is not to serve the interests of a party; but to promote the extension of the kingdom of Immanuel, by the publication of His glorious Gospel and the doctrines of His grace; and the young men who are educated at Cheshunt College are left entirely free in their choice of the denomination of Christians among whom they may prefer to exercise their ministry.”

Students are admitted between the ages of 18 and 28, by Trustees and Committee, after examination of qualifications and testimonials, and after three months’ probation are educated gratuitously for from two to five years, paying, according to circumstances, from 15*l.* to 40*l.* per annum for board. The vacations are three months in the year. There is one Scholarship, value 20*l.*, competed for every year.

*Principal, and Professor of Theology.*—Rev. Henry R. Reynolds, D.D.

*Secretary.*—Rev. H. Allon, D.D.

*Professors.*—Rev. O. C. Whitehouse, M.A., Rev. R. V. Prye, M.A., and Rev. R. C. Jessop, B.A.

#### BELFAST PRESBYTERIAN COLLEGE.

*President.*—Rev. R. Watts, D.D.

#### SPRING HILL COLLEGE, MOSLEY, NEAR BIRMINGHAM.

Founded 1838, to prepare young men from 16 to 28 years old for the Christian Ministry among Congregationalists, and supported partly by endowments, partly by subscriptions (the amount of which has not been stated in the return). The Students are admitted upon the recommendation of Congregationalist Ministers, and after examination in Classics and Mathematics; they may remain 6 years, some paying nothing, and others from 10*l.* to 40*l.* per ann.; Students not for the Ministry paying 50*l.* to 80*l.* per ann. Examinations twice a year. Vacations, 12 weeks.

*Principal*—Rev. D. W. Simon, M.A.

## SPURGEON'S COLLEGE, NEWINGTON BUTTS.

In the College, according to recent published account, 470 ministers have been educated, 132 new churches have been formed, and 36,123 persons baptized through it. In the institution were 110 students, while 220 attended the evening classes. The weekly expenses of the establishment amount to the sum of 120*l*.

*President*.—The Rev. C. H. Spurgeon.

*Secretary*.—Rev. C. H. Thomas.

## LANCASHIRE INDEPENDENT COLLEGE,

WHALLEY RANGE, NEAR MANCHESTER.

This important College was founded in 1816, and transferred to Manchester, 1842. Instruction is given to about 60 Students (most of whom contribute towards the expense of their board) for the Congregationalist Ministry. They must be nominated for admission by some Congregationalist Church, and at their admission know enough of Latin and Greek to translate the two first books of "*Æneid*" and the Gospel of S. Luke, and also be acquainted with the first book of "*Euclid*." Curriculum, 6 years. In union with Owens College, the Victoria University, and the University of London. Income over 3,000*l*. per ann.

New and handsome buildings have just been erected at a cost of 22,000*l*. The College is one of the largest institutions in connection with the Congregational body.

During the Session the number of Students in the house has been 52. There are two Fellowships and four Scholarships.

*President*.—Rev. Professor Caleb Scott, B.A., LL.B.,

*Secretary*.—Rev. John H. Gwyther, B.A., Liscard, Cheshire.

*Financial Secretary*.—W. C. Goodyear.

## HACKNEY COLLEGE, LONDON.

This College was founded in 1803.

*Principal*.—Rev. S. McAll.

*Secretary*.—Rev. J. E. Rickards, 4, St. Peter's Square, Hammersmith, W.

## METHODIST FREE CHURCH, MANCHESTER.

*Principal and Theological Tutor*.—Rev. T. Hacking.

## CONGREGATIONAL COLLEGE, CARMARTHEN.

*Principal*.—W. Morgan.

## MANCHESTER NEW COLLEGE,

UNIVERSITY HALL, GORDON SQUARE, LONDON, W.C.

This College was founded in Manchester in 1786, and is now in connexion with the University of London and University College, London. It was removed to York Sept. 1, 1803, restored to Manchester in Sept., 1840, and was transferred to London in October, 1853. Students are prepared for the Congregational and Unitarian Ministry.

The course of study extends over five years ; namely, two Under-

graduate, succeeded by three Theological years. The Student who desires to pass through the whole course is required to matriculate in the University of London, and at the end of the second year to take the Degree of B.A. in the same University.

Candidates for admission will be required to give satisfactory evidence of their ability to write clear grammatical English, and to read aloud distinctly, naturally, and with correct pronunciation.

In particular cases, with the special sanction of the Committee, Students may be admitted to some of the Theological and Philosophical Lectures without entering on the entire course.

Students who have taken the Degree of B.A. at any English, Scotch, or Irish University, may be admitted to the three years' Theological Course without further examination.

Students who have exhibited aptitude for the ministry, being not less than twenty-one years of age, and not having matriculated or graduated in any University, may be admitted to the three years' Theological Course, provided that—

(a) They satisfy the Professors, or other examiners specially appointed by the College, of their ability to enter on the Theological Course with advantage; and

(b) That they pass an examination in the following subjects: In Greek, four books of Homer, and two books of the *Cyropædia*, or of the *Anabasis* of Xenophon; in Latin, four books of Virgil, and two books of the *Odes* of Horace; of Sallust, either the *Catilinarian Conspiracy*, or the *Jugurthine War*; and of Cicero, either an oration or the two Treatises, *De Senectute* and *De Amicitia*. In all these they are to be examined in any part pointed out at the time without previous notice by the Professors of Manchester New College, or by examiners acting along with them, before they can be admitted as Students. It is further required, that besides being thoroughly acquainted with the Rules and Principles of Arithmetic, as far as Vulgar and Decimal Fractions (inclusive), they shall have studied Algebra, as far as Quadratic Equations (inclusive), and thoroughly mastered the first six books of Euclid. They will also be examined in some text-book of Logic, and be required to render at sight a passage of German into English, and any passage of the Gospels from the Greek.

#### SCHOLARSHIPS TO ASSIST UNDERGRADUATES.

To assist Undergraduate Students who wish to enter upon the Theological Course, only after graduation at some British or Irish University, the Trustees of Manchester New College offer not more than two Scholarships yearly, of the annual value of 50*l.* each.

Each Scholarship will be tenable for one or two years, as arranged by the Trustees or Committee, but not for any longer period, unless with the special permission of the Trustees, and in every case a Scholarship shall lapse when the scholar enters on the Theological Course of the College.

The Examination for the Scholarships will take place in the month of April or May in each year.

#### STUDIES.

##### *Undergraduate Period.*

During this period the Student is partly engaged in the classes of University College in Greek and Latin, German or French, and one Science subject. If he be on the Foundation, Manchester New College

pays the fees for these Courses. He is also engaged with Rev. C. B. Upton in Mental Philosophy Courses adapted to the requirements of Graduation in the University of London, viz.: (1) Psychology; (2) Logic; suitable text-books being studied and commented upon; and he pursues his studies in Mathematics, pure and applied, under the guidance of Mr. Bridge.

The Student is further required to study Hebrew during each year, under the direction of the Professor to whose department the Hebrew belongs.

Monthly Essays or Orations are prepared and read in the Common Hall by the Undergraduate Students.

#### *Theological Period.*

The College adheres to its original principle of freely imparting Theological knowledge without insisting on the adoption of particular Theological doctrines.

The duration of the Session is from the beginning of October to the end of June.

The Classes of New College are open to any one on payment of the following fees:—

|                                             |        |     |     |     |             |
|---------------------------------------------|--------|-----|-----|-----|-------------|
| Mental and Ethical Philosophy Courses, each | ...    | 3l. | 3s. | 0d. | per Session |
| Religious Philosophy                        | ... .. | 2   | 2   | 0   | "           |
| Ecclesiastical History                      | ... .. | 2   | 2   | 0   | "           |
| New Testament, Introduction                 | ... .. | 2   | 2   | 0   | "           |
| New Testament, Translation and Exegesis     | ... .. | 2   | 2   | 0   | "           |
| Greek and Latin Reading Courses, each       | ... .. | 2   | 2   | 0   | "           |
| Hebrew                                      | ... .. | 3   | 3   | 0   | "           |

(Students on their own Foundation, full fee, 10l. 10s.)

*Principal.*—Rev. James Martineau, LL.D., D.D.

#### INDEPENDENT COLLEGE, BALA, NORTH WALES.

Established 1842. Is a Preparatory Institution for Students purposing to enter higher Colleges, but also prepares 15 Students for Independent Ministry direct. All Candidates must understand Welsh. Income, about 560l.

*Principal and Theological Lecturer.*—Rev. Thomas Lewis, B.A.,

*Secretary.*—Rev. D. Rees, Capelmawr, Anglesea.

#### CALVINISTIC METHODIST COLLEGE, BALA.

*Principal.*—Rev. L. Edwards, D.D.

#### WELSH METHODIST PRESBYTERIAN COLLEGE, TREVECCA.

##### CALVINISTIC METHODISTS.

*Principal.*—Rev. W. Howells.

#### UNITARIAN HOME MISSIONARY BOARD,

##### MEMORIAL HALL, MANCHESTER,

Established in 1856, with the object of assisting in the education of twelve young men for preaching the Gospel and promoting practical Christianity among the people, especially the poor, the untaught, and neglected. Students are admitted at 18 years of age. The course of studies extends over three years of two terms each. There are several Scholarships, and



the Committee has discretionary powers to grant pecuniary aid to Students, and they may also charge fees in special cases. The Committee consists of twenty members.

*President.*—Mr. Herbert New, and 37 Vice-Presidents.  
*Secretaries.*—Rev. C. C. Row, Bolton ; John Dendy, jun.  
*Principal.*—Rev. W. Gaskell, M.A.

## NEW COLLEGE, LONDON,

FINCHLEY NEW ROAD, ST. JOHN'S WOOD, N.W.

This College now includes Homerton College, founded 1696 ; Coward College, founded 1738 ; and Highbury College, founded in 1778, and in 1850 these were united as New College, London, and is now in union with the University of London. About 60 Students attend.

Fuller particulars will be given in the edition for July, 1881.

*Principal.*—Rev. Samuel Newth, D.D.

## FINSBURY SQUARE.—JEWS' COLLEGE.

*President.*—Rev. Dr. Adler, Chief Rabbi.

## ROMAN CATHOLIC THEOLOGICAL COLLEGES.

ALL HALLOW'S COLLEGE, DRUMCONDRA, CO. DUBLIN.

Established 1842, exclusively for the object of educating Priests for Roman Catholic Foreign Missions ; supported by voluntary contributions. Students are usually admitted between 16 and 25 years of age, after an Examination in Classics and Mathematics. Those who enter for a particular Mission, or wish to reserve the right of choosing their Mission, pay 25*l.* per ann. ; those who agree to accept Missions as the Directors of the College see fit, pay only 10*l.* per ann., with 30*s.* for laundress, &c. The College has 200 Students, all interns or boarders. The Very Rev. W. Fortune, President, and 12 Directors and Professors, (clergymen,) who gratuitously devote themselves to the education of the young missionaries.

## ROYAL COLLEGE OF S. PATRICK,

MAYNOOTH, IRELAND.

Instituted 1795. The College, the buildings of which are very extensive and arranged in several quadrangles, has over 500 Students and a large professorial staff, and trains Students for the (Roman) Catholic priesthood. Previous to 1869 it was maintained by public endowment. In 1869 the annual Parliamentary grant of 26,000*l.* was withdrawn, on the occasion of the disestablishment and disendowment of the Irish Protestant Church.

*President.*—The Very Rev. W. J. Walsh, D.D.

*Vice-President.*—The Very Rev. T. J. Carr.

*Deans.*—Rev. Thos. Hammond, Rev. Robert Browne, Rev. Rd. Owens, and Rev. P. O'Leary.

*Secretary to Trustees.*—Very Rev. W. Lee, D.D.

## ROMAN CATHOLIC COLLEGES.

ABERDEEN.—S. MARY'S BLAIRS.

*President.*—Very Rev. Peter J. Grant.

AMPLEFORTH, YORK.—S. LAURENCE'S.

*Prior.*—Rev. J. P. Whittle, O.S.B.

BATH.—S. GREGORY'S, DOWNSIDE.

*Prior.*—Rev. F. Aidan Gasquet, O.S.B.

BATH.—S. PETER'S AND S. PAUL'S, PRIOR PARK.

*President.*—Very Rev. Mons. Canon Williams, D.D.

CHESTERFIELD.—MOUNT S. MARY'S.

*Rector.*—Rev. John Clayton, S.J.

DRUMCONDRA, DUBLIN.—ALL HALLOWS, FOREIGN MISSIONS.

*President.*—Rev. William Fortune.

EDGBASTON, BIRMINGHAM.—THE ORATORY.

His Eminence Cardinal Newman.

FORT AUGUSTUS.—ST. BENEDICT'S.

*Prior.*—Rev. Jerome Vaughan, O.S.B.

HAMMERSMITH.—S. THOMAS'S SEMINARY.

*Rector.*—Right Rev. Bishop Weathers.

HEREFORD.—S. MICHAEL'S PRIORY (BENEDICTINE).

*Prior.*—Rev. P. W. Raynal, O.S.B.

LEEDS.—S. JOSEPH'S SEMINARY.

*Rector.*—Very Rev. W. Gordon, D.D.

LIVERPOOL.—S. EDWARD'S, EVERTON.

*President.*—Mgr. Provost Fisher, D.D.

MANCHESTER.—S. BEDE'S.

*Rector.*—Mgr. Canon Wrennall.

MILL-HILL ROMAN CATHOLIC COLLEGE FOR FOREIGN MISSIONS.

S. Joseph's College of the Sacred Heart.

*Principal.*—Very Rev. Peter Benoit.

NOTTING HILL, W.—S. CHARLES'S.

*Rector.*—Rev. W. Butler.

OLTON, NEAR BIRMINGHAM.—THE SEMINARY.

*Rector.*—Right Rev. Bishop Ilsley.

OSCOTT.—S. MARY'S.

*President.*—Very Rev. Ed. Chas. Acton, D.D.

RAMSGATE.—S. AUGUSTINE'S.

*President.*—Rev. F. Thomas Bergh, O.S.B.

RATCLIFFE, LEICESTER.

*President.*—Rev. J. R. Richmond.

ST. ASAPH'S.—ST. BEUNOS COLLEGE.

*Rector.*—Rev. James Jones.

## STONYHURST, BLACKBURN.

*Rector.*—Rev. W. H. Eyre, S.J.

## USHAW.—ST. CUTHBERT'S COLLEGE.

*President.*—The Right Rev. Mgr. Wrennall, D.D.

## WARE.—ST. EDMUND'S, OLD HALL.

*President.*—Rev. Patrick Fenton.

## WINDSOR.—ST. STANISLAUS', BEAUMONT.

*Rector.*—Rev. Francis Cassidy, S.J.

## WOBURN PARK, WEYBRIDGE.

*Warden.*—Hon. Monsignor Petre.*Theological Department of Queen's College, Birmingham.*—See Queen's College, Birmingham.*Theological Department of King's College, London.*—See King's College, London.*Theological Department of Durham University.*—See Durham University.*Theological Department of Aberdeen University.*—See Aberdeen University.*Theological Department of Edinburgh University.*—See Edinburgh University.*Theological Department of S. Andrew's University.*—See S. Andrew's University.*Theological Department of Dublin University.*—See Dublin University.*Theological Department of the Catholic University of Ireland.*—See the Catholic University of Ireland.*Theological Department of Glasgow University.*—See Glasgow University.*Theological Department of Anderson's University, Glasgow.*—See Anderson's University, Glasgow.*St. Patrick's College, Carlow, Ireland.*—See Roman Catholic Schools.

## NOTE.

The particulars of the Roman Catholic Schools for lay students follow immediately after the Endowed and Private Schools of England in Part VIII.





OUR  
MEDICAL SCHOOLS  
AND  
HOSPITALS.





## OUR MEDICAL SCHOOLS.

## INTRODUCTORY REMARKS.

The Medical Bill, introduced by the Duke of Richmond, has at length passed the House of Lords. The original intention of the Bill, as may be gleaned from the following statements, was to legalise the action of the English examining bodies in their formation of a conjoint Board, and also to render the adoption of a similar scheme, and of an examination fairly equivalent to that proposed for England, compulsory in Scotland and Ireland. The effect of this would have been that any person who had passed the examination in either of the three countries should receive from any of the corporations composing it a Diploma which would entitle him to be registered and to act as a medical practitioner. The Bill, however, as at last amended, provides and enacts that every person who satisfies the requirements of a conjoint Board will receive from it a qualifying certificate which will entitle him to be placed upon the register, and to practise the Medical Profession. This scheme will greatly interfere with the powers and duties hitherto employed with so much advantage to the Medical Profession by those venerable Institutions, The Royal Colleges of Physicians and of Surgeons. These existing corporations will, however, supply the Examiners to the several conjoint Boards. Special provision is made for the Medical Examination of women. The medical graduates of the University of Dublin are obliged to undergo, in addition to the usual training in Medicine and Surgery, a further liberal training in Arts during four years, as it has been the invariable practice of the University of Dublin to require graduation in Arts as a necessary preliminary to graduation in Medicine.

The following opinions and particulars as to the original intention of the framers of the "Government Medical Act (1858) Amendment Bill," the provisions of which have now passed the House of Lords, may be interesting to many, and will seriously affect the existing licensing system in Great Britain, for the General Medical Council have taken up the question of a "conjoint scheme of medical examination." In 1870 this Council passed the following resolution:—"That this Council is of opinion that a joint examining Board should be formed in each of three divisions of the kingdom, and that every person who desires to be registered under any of the qualifications recognised in the Medical Act shall be required, previously to such registration, to appear before one of these Boards and be examined in all the subjects which may be deemed advisable by the Medical Council; the rights and privileges of the Universities and Corporations being in all other respects the same as at present. The Council has subsequently sanctioned a scheme for an Examining Board for England, made in conformity with that resolution. The Council adheres to the principle of that resolution, and is of opinion that no medical legislation relating to examinations will be satisfactory which does not provide for the formation of an examining Board in

each of the three divisions of the kingdom, and direct that every person who desires to be registered under the Medical Act shall be required to appear before one of these Boards and be examined in the subjects which may be deemed necessary by the Medical Council." At present examinations are committed "to 19 various examining Boards throughout the kingdom, any one of which could grant diplomas to practise in any part of the kingdom."

The Council of the Royal College of Surgeons of England, referring to the "Examination Rules for securing uniformity of examinations for qualification," thus express their views:—

"If it became law, the College would thenceforth not have authority to confer even a valid surgical diploma except in subordination to such examination rules as the General Medical Council, with the sanction of the Privy Council, might have laid down. In commenting on these clauses, by which it is proposed so largely to disfranchise the College in favour of a central supremacy, the President and Vice-Presidents take as their principle that the magnitude of the sacrifice which is demanded of the College ought to be estimated as a question of proportion—with reference, namely, to the general scope and promise of the Bill in its bearing on public interests, and especially as regards the degree in which the Bill may be expected to secure, in the national system of licensing for the medical profession, certain necessary and substantially final reforms. In this point of view, the President and Vice-Presidents have to submit to the Council that, in their opinion, the Bill does not offer any such promise of public advantage as to claim that the College should on that account make any considerable surrender of independence; and they must even observe that in their opinion the reforms which are most wanted in the licensing system of the United Kingdom would perhaps be rather impeded than promoted by the passing of the Bill. For the Bill, if it became law, could hardly fail to be deemed an expression of indifference on the part of the Legislature to that which the largest and weightiest consent of skilled authority has long recognized to be the chief evil of the present system—the evil of 19 uncombined and (in principle) competing Examination Boards in the three divisions of the United Kingdom, with the privilege allowed to each separate authority to grant registrable titles which shall be valid throughout the British Empire."

The Royal College of Physicians of London have passed the following resolution:—

"The Bill having been introduced into the House of Lords by his Grace the Lord President on behalf of the Government, the provisions of which are of the utmost importance not only to the public and profession at large, but also especially to the Royal College of Physicians, it was deemed desirable to convene a special meeting of the College to consider those clauses of the Bill which have a direct bearing on the responsibilities and influence of the College. The attention of the College was called more particularly to clauses 3, 8, 9, 14, and 17. But before commenting on those clauses the College desires to express its extreme regret and disappointment that the Bill altogether fails to provide for that compulsory establishment of conjoint Examining Boards for each division of the United Kingdom which was recommended and urged on the medical authorities by the General Medical Council, for which the College has been strenuously labouring during many years, and which constituted the main feature of Lord Ripon's Bill of some years ago. For the attainment of this object the College has spared neither time nor labour, has manifested its

readiness to sacrifice its own individual interests and independence of action, and has loyally co-operated with the other English authorities, believing that by so doing it was acting in the common interests of the profession and for the good of the public."

The Royal College of Surgeons of Edinburgh consider the proposals on the licensing system a disfranchisement of the College in favour of a central supremacy, but all the members representing English Universities and Colleges, support the motion of declaring in favour of Examining Boards in the three divisions of the kingdom in place of the teaching bodies examining their own pupils and giving diplomas to practise in any art of the kingdom upon varying examinations.

There is a general feeling among the teachers of medicine in London, that the old charges for medical teaching are no longer enough to cover the cost of apparatus and to remunerate the teacher, and at a meeting of the representatives of every school in London, held recently, it was unanimously resolved to commend to the consideration of the schools the propriety of raising the fees 25 per cent.

The subject of medical education at Cambridge has been warmly taken up by the Syndicate, who have referred to the Board of Medical Studies the question whether it is desirable to found a complete medical school in Cambridge so as to make it possible for a student to complete his whole medical course here, or whether it is better for all concerned, while making the teaching at Cambridge as perfect as possible in the scientific subjects which are the basis of medicine, to leave students to carry on elsewhere the greater part of their clinical studies and most of what relates directly to the practice of medicine. The reply of the Board of Medical Studies states that they consider it inexpedient that students should complete their whole professional education at any single medical school, and that it is therefore desirable that students should pursue their studies away from Cambridge for a year or more before commencing practice, either before or after their final M.B. examination. They believe, however, that it would be in most cases advantageous to students to carry their medical studies in Cambridge further than is usually done at present, and in some cases as far as the final M.D. examination, and they are therefore of opinion that the University should provide systematic instruction in all the subjects necessary for a medical degree, as is done at other Universities. In order that this may be carried out satisfactorily the Board of Medical Studies think that the University should provide—1. A Professor of Pathology. There seems to be no reason why the study of pathology should not be most thoroughly and effectively carried on in Cambridge. For this purpose the University should devote the services of the ablest man that can be obtained, who should devote his whole time and energies to his subject. To insure this he ought to be debarred from the private practice of medicine, though it would be most desirable that he should hold a hospital appointment. Under these circumstances he should have a stipend of not less than 700*l.* a year. He would ultimately require a demonstrator. 2. A Professor of Surgery. As he need not be debarred from the private practice of surgery, a stipend of 300*l.* a year would probably be found sufficient. 3. Systematic teaching in (1) midwifery and the diseases peculiar to women, (2) medical jurisprudence, (3) sanitary science, (4) mental diseases. This might probably be provided for 700*l.* a year, or thereabouts; but some, at any rate, of these subjects might ultimately be represented by eminent men upon whom the University might confer the title and status of a Professor.

4. Systematic clinical teaching. This is already supplied to a considerable extent by the physicians and surgeons to the hospital. It is, however, not definitely connected with the University or subject to academical regulations. The University might with advantage appoint (1) one or more clinical lecturers in medicine; (2) one or more clinical lecturers in surgery; (3) an assistant teacher of medicine and one of surgery. It would be the special duty of the two assistant teachers to give systematic elementary instruction in clinical medicine and surgery to the younger students. Stipends of 100*l.* a year each would probably suffice for the present for these lecturers and teachers. Other special subjects, such as ophthalmic surgery, ought to be provided for in a medical school which aims at completeness. Arrangements for reaching them might, however, be trusted to grow up with the growth of the school.

#### GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF THE UNITED KINGDOM.

*Offices.*—299, Oxford Street, London, W.

*President.*—Dr. Henry Wentworth Acland.

*Treasurers of the General Council.*—Dr. Richard Quain and Dr. Sir Henry Alfred Pitman.

*Registrar of the General Council.*—William John Clarke Miller, B.A.

#### COUNCIL'S REGULATIONS FOR THE REGISTRATION OF MEDICAL STUDENTS.

No person shall be allowed to be registered as a Medical Student unless he shall have previously passed a preliminary examination in the subjects of general education as specified in the following list,\* as required by the General Medical Council, and has produced evidence that he has commenced medical study:—

- (1) English Language, including Grammar and Composition; †
- (2) English History;
- (3) Modern Geography;
- (4) Latin, including translation from the original and Grammar;
- (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including Simple Equations;
- (c) Geometry, including the first two books of Euclid, or the subjects thereof;
- (6) Elementary Mechanics of Solids and Fluids, comprising the Elements of Statics, Dynamics, and Hydrostatics; ‡

\* The examinations in general education conducted by Universities will be accepted as heretofore, but if in any of these examinations the subjects of Elementary Mechanics of Solids and Fluids are not included, the Candidate must pass in some one or other of the optional subjects instead, and a knowledge of Elementary Mechanics will be required at a subsequent examination.

† "The General Medical Council will not consider any examination in English Language sufficient that does not fully test the ability of the Candidate:—(1) To write sentences in correct English on a given theme, attention being paid to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

‡ "This subject may be passed either as preliminary, or before, or at the first professional examination."



(7) One of the following optional subjects :—(a) Greek ; (b) French ; (c) German ; (d) Italian ; (e) any other Modern Language ; (f) Logic ; (g) Botany ; (h) Elementary Chemistry.

The examining bodies whose examinations fulfil the conditions of the Medical Council as regards preliminary education are as follows :—

1. Oxford University.
2. Cambridge University.
3. Durham, and the Universities of London, Dublin, and all the Scotch Universities ; Royal College of Surgeons in Ireland ; Apothecaries' Hall, Ireland ; also other bodies such as College of Preceptors, and certain Colonial and Foreign Universities.

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## LICENSING BODIES.

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### ROYAL COLLEGE OF PHYSICIANS, PALL MALL, EAST.

This Institution has greatly contributed to the advancement of Medical Science. The Examinations for Licentiatehip, L.R.C.P., which now includes general practitioners, are under the following regulations. Every Candidate for the first Examination on Anatomy and Physiology (2 days) must give 14 days' notice of his intention in writing to the Registrar of the College, and simultaneously transmit evidence of having passed an Arts Examination ; of having been duly registered as a Medical Student ; and of having completed the Second Winter Session of professional study at a recognized Medical School. Before the Second or Pass Examination (4 days) in Medical and Surgical Anatomy, Principles and Practice of Medicine and Surgery, Midwifery, Materia Medica, Chemistry, as applied to Pathology, Pharmacy, etc., he must produce evidence of having completed 4 years of professional study ; of having attained the age of 21 years ; of having been instructed, and of being proficient in the Practice of Vaccination. The first Examination commences Feb. 4th, April 1st, July 1st, Oct. 7th, Dec. 2nd ; the Second or Pass Examination commences Feb. 11th, April 9th, July 9th, Oct. 14th, Dec. 9th. The fee for the College Licence is 15 guineas, 5 of which are paid previous to the first Examination.

*President.*—Sir William Jenner, M.D., K.C.B.

*Treasurer.*—F. J. Farre, M.D.

*Registrar.*—Sir Henry Alfred Pitman, M.D.

*Acting Secretary.*—Wm. Gurner.

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## ROYAL COLLEGE OF SURGEONS OF ENGLAND,

LINCOLN'S INN FIELDS.

This Institution has also been of inestimable service in promoting Medical and Surgical learning. The buildings were erected in 1835. Candidates for

the diploma of membership of the College, M.R.C.S., who commenced their professional education on or after the 1st of January, 1861, are required to produce one or other of the following certificates : Of Graduation in Arts at a University recognized for this purpose ; of having passed an Examination for Matriculation, or such other Examination as shall, in either case, from time to time be sanctioned by the Council of this College, at a University in the United Kingdom, or at a Colonial or Foreign University recognized by the Council of this College ; of having passed the Preliminary Examination for the Fellowship of this College, or of the Royal College of Surgeons in Ireland, or of Edinburgh, or of Glasgow ; of having passed the Examination in Arts of the Society of Apothecaries of London, or the Apothecaries' Hall of Ireland ; or of having passed the First-Class Examination of the Royal College of Preceptors, or received the *Tesstimur* of the Codrington College, Barbadoes, or taken the Degree of Associate of Arts granted by the Tasmanian Council of Education, with a certificate that the Student has been examined in Latin and Mathematics. Candidates who shall not be able to produce one or other of the foregoing Certificates will be required to pass an Examination in English, Classics, and Mathematics, conducted by the Board of Examiners of the Royal College of Preceptors, under the direction and supervision of this College. The Library contains upwards of 36,000 volumes. Dr. Robert Willis, the learned Librarian, died on the 21st September, 1878. The fee for the Diploma of Fellowship (F.R.C.S.) is 25 guineas, or 5 guineas to those who are members ; and for the Diploma in Dental Surgery (L.D.S.) the fee is 10 guineas.

#### PRELIMINARY EXAMINATION OF THE ROYAL COLLEGE OF SURGEONS.

*Date.*—In March and September, the next examination commencing on the 4th of September.

*Duration.*—Three days.

*Subjects.*—Part I. *Compulsory.*

Writing from dictation.

English Grammar.

Writing a short English composition.

Arithmetic.

The Geography of Europe, and particularly of the British Isles. The outlines of English History.

Mathematics. Euclid, Books I. and II. or the subjects thereof. Algebra to Simple Equations, inclusive.

Translation of a passage from the Second Book of Caesar's Commentaries, "De Bello Gallico."

Part II. *Optional*—on one of which the candidate will be required to offer himself for examination :—

1. Translation of a passage from the First Book of the *Anabasis* of Xenophon.
2. Translation of a passage from X. B. Saintine's "Picciola."
3. Translation of a passage from Schiller's "Wilhelm Tell."  
Besides these translations into English, the candidate will be required to answer questions on the grammar of each subject, whether compulsory or selected.
4. Mechanics.
5. Chemistry.
6. Botany and Zoology.

The quality of the handwriting and the spelling will be taken into account. *Fee*—Two pounds.

The Preliminary Examination for the diploma of *Fellowship* is similar to the above, with this exception, that Greek and one modern language (Nos. 1 and 2 or 1 and 3) are rendered compulsory. If the Student has already passed the Preliminary Examination for the diploma of Membership, he may qualify for the Fellowship by passing subsequently in these two subjects, and in one, at his option, of the remaining subjects in Part II. The Matriculation of the London University is also received as a qualification for the Fellowship, provided that the candidate has passed in Greek and in French or German.

The following is considered by the Examiners as the commencement of professional education :—1. Attendance on the Practice of a Hospital, or other Public Institution recognized by this College for that purpose. 2. Instruction as the Pupil of a legally qualified Surgeon, holding the appointment of Surgeon to a Hospital, General Dispensary, or Union Workhouse, or where such opportunities of practical instruction are afforded as shall be satisfactory to the Council. 3. Attendance on Lectures on Anatomy, Physiology, or Chemistry, by Lecturers recognized by this College. The commencement of professional study, otherwise than by attendance on Lectures in recognized Medical Schools, or by attendance on the practice of recognized Hospitals, will not be admitted until a Certificate thereof shall be furnished to the Secretary for registration at the College, by the Practitioner whose pupil the candidate shall have become, or by the Medical Superintendent of the Hospital or other Institution to the practice of which he shall have entered, and will, consequently, date only from the reception of such Certificate by the Secretary ; the Certificate to be accompanied by proof of having passed the necessary Preliminary Examination in General Knowledge. Candidates are required to produce the following other Certificates, viz., of being 21 years of age ; of having been engaged during 4 years in the acquirement of professional knowledge ; of having studied Practical Pharmacy during 3 months ; of having attended Lectures on Anatomy, delivered not less frequently than 4 times in each week, during 2 Winter Sessions ; of having performed Dissections during not less than 2 Winter Sessions ; of having attended Lectures on Physiology, delivered not less frequently than twice in each week, during 2 Winter Sessions ; of having attended Lectures on Surgery during 2 Winter Sessions, of which one course must not be earlier than the third Winter Session, at a recognized Medical School ; of having attended 1 Course of Lectures on each of the following subjects, viz., Chemistry, Materia Medica, Medicine, and Midwifery ; of instruction and proficiency in the Practice of Vaccination ; of having attended, at a recognized Hospital or Hospitals in the United Kingdom or Colonies, the Practice of Surgery, during 3 Winter and 2 Summer Sessions ; and of having, subsequently to the first Winter Session of the foregoing attendance, attended at a recognized Hospital or Hospitals, Clinical Lectures on Surgery during 2 Winter and 2 Summer Sessions ; of having attended at a recognized Hospital or Hospitals in the United Kingdom or Colonies, the Practice of Medicine, and Clinical Lectures on Medicine, during 1 Winter and 1 Summer Session ; of having, subsequently to the completion of 2 years' professional education, taken charge of patients under the superintendence of a Surgeon during not less than 6 months, at a Hospital, General Dispensary, or Parochial or Union Infirmary, recognized for this purpose, or in such other similar manner as, in the opinion of the Council,

shall afford sufficient opportunity for the acquirement of Practical Surgery. The Winter Session comprises a period of 6 months, and, in England, commences on the 1st of October, and terminates on the 31st of March. The Summer Session comprises a period of 3 months, and, in England, commences on the 1st of May, and terminates on the 31st of July. The Examination for Membership is divided into 2 parts. The First or Primary Examination, on Anatomy and Physiology, is partly written and partly demonstrative on the recently dissected subject, and on prepared parts of the human body. The Second or Pass Examination, on Surgical Anatomy and the Principles and Practice of Surgery, is partly written, partly oral, and partly on the practical use of Surgical Apparatus. The Primary Examinations are held in the months of January, April, May, July, and November, and the Pass Examinations generally in the ensuing week respectively. Candidates will not be admitted to the Primary or Anatomical and Physiological Examination, until after the termination of the second Winter Session of their attendance at a recognized School or Schools; nor to the Pass, or Surgical Examination, until after the termination of the fourth year of their professional education. The fee of 5 guineas, paid prior to the Primary Examination, and allowed on the whole fee of 22*l.* (this sum of 22*l.* is exclusive of the fee of 2*l.* paid for the Preliminary Examination), payable for the Diploma, is retained; and after any two consecutive failures at the Primary Examination, the Candidate is required to pay an additional fee of 5 guineas, prior to being again admitted to that Examination, which additional fee is also retained. Since the 1st of October, 1868, all Candidates presenting themselves for the final Examination for the Diploma of Member of the College, are required to pass an Examination in Medicine at the College, or to produce a recognized Degree, Diploma, or Licence in medicine before receiving the Diploma.

From an annual report of this Institution it appears that during the collegiate year 747 Candidates presented themselves at the Primary Examination for the Diploma of Membership, of which number 478 passed and 269 were rejected. At the Pass Examination 531 Candidates offered themselves, of which number 321 were successful; 89 were approved in Surgery, and when qualified in medicine, will be admitted Members of the College; 72 who had also been approved in Surgery, and subsequently passed in Medicine, were also admitted Members; 121 were altogether rejected, and 393 Diplomas were issued in the year.

#### OFFICERS AND EXAMINERS.

*President.*—J. Marshall, F.R.S.

#### *Vice-Presidents.*

J. Cooper Forster and W. Scovell Savory, F.R.S.

#### COURT OF EXAMINERS.

John Birkett, *Chairman*.  
W. S. Savory, F.R.S.  
Luther Holden.  
Edward Lund.  
J. Cooper Forster.

G. M. Humphry, M.D., F.R.S.  
John Wood, F.R.S.  
J. W. Hulke, F.R.S.  
J. Hutchinson.  
John Croft.

#### EXAMINERS IN MEDICINE.

J. S. Bristowe, M.D.  
W. H. Dickinson, M.D.

S. J. Gee, M.D.  
F. T. Roberts, M.D.

EXAMINERS IN MIDWIFERY.

J. Williams, M.D.

| G. E. Herman, M.B.

BOARD OF EXAMINERS.

Henry Power, *Chairman*.

T. P. Pick.

W. Rivington.

W. M. Baker.

B. T. Lowne.

E. Bellamy.

J. McCarthy.

J. Langton.

G. Yeo.

*Conservator of Museum*.—W. H. Flower, F.R.S.

*Librarian*.—John Chatto.

*Secretary*.—E. Trimmer.

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SOCIETY OF APOTHECARIES.

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APOTHECARIES' HALL,

BLACKFRIARS.

The Society of Apothecaries of London was founded, in 1815, by Act of Parliament, as an Examining Board, and the Examination in Arts is held in January, April, and September in each year. The Examination is conducted by means of printed papers. Candidates are examined in the following branches; and no Candidate will be approved unless he show a competent knowledge of each branch of the Examination:—1, The English Language; 2, The Latin Language; 3, Mathematics; 4, One of the following subjects, at the option of the Candidate:—(a) Greek; (b) French; (c) German; (d) Elementary Chemistry. The fee is one guinea. In the Examination for a certificate of qualification to practise as an Apothecary, each Candidate is required to produce proof of his having, previously to commencing his studies at a Medical School, passed a Preliminary Examination in Arts (The Preliminary Examination of the Society of Apothecaries, see page 419), of having been engaged four years in Medical Studies (the period may include the time spent in attending lectures and Hospital practice); also of his being 21 years of age, of good moral conduct, and of having pursued a course of study similar to that required for the Royal College of Surgeons, and an additional six months' Medical Practice. The Court of Examiners meet every Wednesday and Thursday; and Candidates, having given seven days' notice to the Clerk of the Society, have to attend at a time which will be duly specified. The first Examination, which may be passed after the second Winter Session, includes the British Pharmacopœia, Latin of Physicians' Prescriptions, Anatomy and Physiology (including an examination on the living subject), General and Practical Chemistry, Botany, Materia Medica, and Histology; the second Examination, after the third Winter Session and the completion of the four years, includes the Principles and Practice of Medicine (including an examination of one or more patients), Pathology, and Therapeutics, Midwifery, including the Diseases of Women and Children, Forensic Medicine, and Toxicology. The



Society also examines for Certificates of qualification to act as Assistant in compounding and dispensing medicines, the Candidate having to show himself capable of translating Physicians' Prescriptions and the British Pharmacopœia, and an acquaintance with Pharmacy, Pharmaceutical Chemistry, and Materia Medica. Fees for Apothecaries' Certificate, 6 guineas; for an Assistant's, 3 guineas. The Society annually offers 2 Gold Medals, and 2 Silver Medals, as prizes for proficiency—2 in Botany, and 2 in Materia Medica and Pharmaceutical Chemistry. Books are also awarded.

*Secretary to the Court of Examiners.*—Thomas R. Wheeler.

## THE PHARMACEUTICAL SOCIETY OF GREAT BRITAIN,

17, BLOOMSBURY SQUARE, W.C.

Founded 1841; Incorporated by Royal Charter 1843; Confirmed and Extended by Pharmacy Act 1852; and invested with further powers and duties by Pharmacy Act 1868.

The Society consists of three grades—Members, Associates, and Registered Apprentices or Students. Members must have joined the Society before 1853; or have passed the Major Examination and been registered as Pharmaceutical Chemists; or been placed on register as Chemists and Druggists by reason of having been in business on their own account prior to August 1st, 1868. Associates must have passed the Minor Examination, or having been employed as Assistants before passing of Act in 1868 must pass a modified Examination. Registered Apprentices or Students are required to have passed the first, or Preliminary Examination. There are also Honorary and Corresponding Members elected by the Council.

### REGULATIONS OF THE BOARD OF EXAMINERS.

#### FIRST OR PRELIMINARY EXAMINATION.\*

(For Registration as Apprentices or Students.)

This Examination is held at about forty centres throughout Great Britain, at twelve noon on the first Tuesdays in January, April, July, and October in every year.

Candidates must give notice to the Registrar in London, on a printed form of application, to be obtained from him, and pay the fee not less than fourteen days prior to that on which the examination is to be held. Each candidate must state at which of the centres he desires to present himself.

The Examination is a written one, and comprises—

**LATIN.**—Translation into English of a paragraph from the first book of Cæsar (*"De Bello Gallico"*); Latin Grammar. Translation of simple sentences from English into Latin.

**ARITHMETIC.**—The first four rules: Simple and Compound; Vulgar

\* In lieu of this Examination certificates of having passed the examinations of certain other bodies are accepted.

Fractions, and Decimals; Simple and Compound Proportion; a thorough knowledge of the British and Metrical Systems of Weights and Measures.

ENGLISH.—Grammar and Composition.

In awarding marks, spelling and the quality of the handwriting are taken into account.

#### MINOR EXAMINATION.

(For Registration under the Pharmacy Act, 1868, as Chemists and Druggists.)

Candidates for this Examination must have attained the full age of twenty-one years.

They must have passed the first or preliminary Examination, and have been registered as Apprentices or Students.

Each Candidate must produce a certified declaration that for three years he has been registered and employed as an Apprentice or Student, or has otherwise for three years been practically engaged in the translation and dispensing of prescriptions. The printed form on which this declaration is to be made may be obtained from the Registrar in London.

The following form the subjects of Examination:—Prescriptions, Practical Dispensing, Pharmacy, Materia Medica, Botany, Chemistry.

#### MAJOR EXAMINATION.

(For Registration as Pharmaceutical Chemists under the Pharmacy Act, 1852.)

Candidates for this Examination must have attained the full age of twenty-one years.

They must have passed the "Minor" Examination, and been registered as Chemists and Druggists at least three months previously.

Each Candidate must (if he has not already done so on entering for the Minor Examination) produce a certified declaration that for three years he has been registered and employed as an Apprentice or Student, or has otherwise for three years been practically engaged in the translation and dispensing of prescriptions. The printed form on which this declaration is to be made may be obtained from the Registrar in London.

The following are the subjects of examination:—Materia Medica, Botany, Chemistry, and Physics.

#### MODIFIED EXAMINATION.

For Assistants under the Pharmacy Act, 1868, as approved by the Privy Council.

(For Registration as Chemists and Druggists.)

No person is eligible for this examination who did not register for the same on or before December 31st, 1869.

The subjects of this examination are Prescriptions, Practical Dispensing, Materia Medica, Pharmacy.

THE BOARD OF EXAMINERS.—The Board of Examiners meets in London in February, April, June, July, October, and December. The Board of Examiners for Scotland meets in Edinburgh in February, April, July, and October.

INSTRUCTIONS TO CANDIDATES.—Candidates must give notice to the Registrar, and pay the fee, on or before the first day of the month in which the examinations are to be held, and they will receive due notice

of the date on which they will be required to present themselves. Each Candidate for the Major or Minor Examination must, at the time of giving notice, produce a Registrar's certificate of birth, and a certified declaration that for three years he has been registered and employed as an Apprentice or Student, or has otherwise for three years been practically engaged in the translation and dispensing of prescriptions. Printed forms on which this declaration is to be made may be obtained from the Registrar. Each Candidate for the Modified Examination is required, at the time of giving notice, to state his age and the number of the receipt for his declaration.

**EXAMINATION AND REGISTRATION FEES.**—Preliminary Examination, 2*l.* 2*s.*; Minor Examination, 3*l.* 3*s.*; Major Examination, 5*l.* 5*s.*; Modified Examination, 1*l.* 1*s.*

**ANNUAL SUBSCRIPTIONS TO THE SOCIETY.**—Persons who have passed the Preliminary Examination are eligible to be elected Apprentices or Students of the Society, 10*s.* 6*d.*; persons who have passed the Minor or Modified Examination, if not in business, are eligible to be elected Associates of the Society, 10*s.* 6*d.*; persons who have passed the Minor or Modified Examination, if in business, are eligible to be elected Associates in Business of the Society, 1*l.* 1*s.*; persons who have passed the Major Examinations are eligible to be elected Members of the Society, 1*l.* 1*s.*; Registered Chemists and Druggists in business before August 1st, 1868, are eligible to be elected Members of the Society on payment of an entrance fee of two guineas and the annual subscription, 1*l.* 1*s.*; Life Member's fee, 21*l.*

## THE SCHOOL OF PHARMACY OF THE PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

Session October 1st to July 31st. Students can enter at any period. Application for admission or further information to be made to the Professors or their Assistants in the Lecture Room or Laboratories, 17, Bloomsbury Square, London, W.C. The following courses of instruction are carried out :—

**CHEMISTRY AND PHARMACY**, by Professor Redwood, Ph.D., F.I.C., F.C.S. Lectures on Monday, Tuesday, and Wednesday mornings. The lectures comprise the following subjects:—1. An exposition of the physical forces involved in chemical and pharmaceutical operations and changes. 2. The chemistry of inorganic bodies, including a description of the elements and their more important inorganic compounds, especially those used in medicine. 3. The chemistry of organic compounds, with a description of such as have important applications in the arts and in medicine. The subjects will be fully illustrated with experiments, diagrams, and specimens, and every lecture will be followed by an examination of the class on those subjects which have been previously treated of by the Professor. With the view of connecting the lecture teaching with the instruction given to the practical class in the laboratory, and of enabling the Professor to increase the number of his experimental illustrations, the Demonstrator of Practical Chemistry will assist at these lectures and at the examinations. Instruction in Practical Dispensing will be provided for those Students who have previously had but slight means afforded them of becoming skilled in such operations. Fees: One course (five months), 3*l.* 3*s.*; an entire session (two courses), 4*l.* 4*s.*; perpetual admission, 5*l.* 5*s.*

**BOTANY AND MATERIA MEDICA**, by Professor Bentley, M.R.C.S., F.L.S. Lectures delivered Thursday, Friday, and Saturday mornings. The lectures comprise the following subjects:—1. Structural and Physiological Botany, which is especially adapted to meet the requirements of pharmaceutical students. 2. Organic Materia Medica, comprising the medicinal substances obtained from the organic kingdom, which are considered in the order of the natural historical relations of the organized beings which produce them. 3. Systematic and Practical Botany, which is taught during the summer months in the Royal Botanic Society's Gardens, Regent's Park. All the lectures are very fully illustrated by every means to which recourse can be had, including fresh, dried, and preserved portions of plants, together with their products and secretions; and by an extensive series of drawings, diagrams, and preparations, as well as by experiments and microscopical preparations. Fees: Botany and Materia Medica, one course (five months), 2*l.* 2*s.*; an entire session (two courses) including systematic and practical Botany, 3*l.* 3*s.*; systematic and practical Botany, separately, 1*l.* 1*s.*; perpetual admission to all the courses, 4*l.* 4*s.*

**PRACTICAL CHEMISTRY**.—Director of the Laboratories, Professor Attfield, Ph.D., F.R.S., F.I.C., F.C.S. Demonstrator, Wyndham R. Dunstan, F.C.S. The Laboratories are open from ten o'clock in the morning until five in the afternoon daily, except on Saturdays, when they are closed at two o'clock. They are fitted up with every convenience for the study of the principles of Chemistry by personal experiment. They are specially designed for the student of Pharmacy, but are equally well adapted for the acquirement of a knowledge of Chemistry in its application to medicine, manufactures, analysis, or original research. There is no general class for simultaneous instruction, each Student following an independent course of study always determined by his previous knowledge; pupils can therefore enter for any period at any date. A complete course of instruction, including the higher branches of quantitative analysis, occupies ten full months, and dated from the day of entry to that day twelvemonth. Fees: 10 to 5 daily (Saturdays 10 to 2), one month, 4*l.* 4*s.*; two months, 7*l.* 7*s.*; three months, 10*l.* 10*s.*; five months, 15*l.* 15*s.*; ten months, 26*l.* 5*s.* Three days weekly, or three hours daily, one month, 2*l.* 17*s.* 6*d.*; two months, 4*l.* 17*s.* 6*d.*; three months, 6*l.* 16*s.* 6*d.*; five months, 10*l.* 10*s.*; ten months, 17*l.* 17*s.* Two days weekly, or two hours daily, one month, 2*l.* 2*s.*; two months, 3*l.* 10*s.*; three months, 4*l.* 17*s.* 6*d.*; five months, 7*l.* 7*s.*; ten months, 12*l.* 12*s.*

**LIBRARY AND READING ROOM AND MUSEUMS**.—These are open to all Students connected with the Society. Other Students in the School may obtain orders for admission on application to the Secretary.

**SCHOLARSHIPS, PRIZES, ETC.**—The Jacob Bell Memorial Scholarships, tenable for one year. Two Scholarships are offered annually, and come into operation at the commencement of the Session in October. Candidates for these Scholarships must be Apprentices or Students on the registrar of the Pharmaceutical Society. The Pharmaceutical Society's School is that in which the holders of the Scholarships shall pursue their studies. Each Scholarship is of the annual value of 30*l.*, and is to be held for one year.

**BOTANICAL PRIZES**.—A Silver Council Medal is annually offered for the best Herbarium, collected in any part of the United Kingdom, between the first day of May and the first day of June in the year following, and

should there be more than one collection possessing such an amount of merit as to entitle the collector to reward, a second prize consisting of a Bronze Medal, and also Certificates of Merit, will be given at the discretion of the Council. In the event of none of the collections possessing sufficient merit to justify the Council in awarding medals or certificates, none will be given.

**COUNCIL PRIZES.**—At the end of each of the five months' Courses of Lectures on Chemistry and Pharmacy, and Botany and Materia Medica, a Bronze Medal and Certificates of Merit, and at the close of the Session (ten months) a Silver Medal and Certificates of Honour and Merit, are offered for competition by the Council to all Students connected with the Society. In the Class of Practical Chemistry, a Silver Medal, two Bronze Medals, and Certificates of Honour and Merit, offered by the Council, are competed for at the end of the Session only, by Students connected with the Society.

*President.*—T. Greenish, with twenty-one members of the Council.

*Vice-President.*—G. F. Schacht.

*Treasurer.*—T. Robbins.

*Secretary and Registrar.*—Elias Bremridge, 17, Bloomsbury Square, London, W.C.

## LONDON MEDICAL DEGREES AND QUALIFICATIONS.

The following are the Examining Bodies in London, from whom Medical and Surgical Degrees and Licences to practise Medicine and Surgery can be obtained :—

### THE UNIVERSITY OF LONDON

|                                             |     |     |     |     |      |
|---------------------------------------------|-----|-----|-----|-----|------|
| Confers the Degrees of Bachelor of Medicine | ... | ... | ... | ... | M.B. |
| Bachelor of Surgery                         | ... | ... | ... | ... | B.S. |
| Master in Surgery                           | ... | ... | ... | ... | M.S. |
| Doctor of Medicine                          | ... | ... | ... | ... | M.D. |

### THE ROYAL COLLEGE OF PHYSICIANS

|                                                      |     |     |     |     |          |
|------------------------------------------------------|-----|-----|-----|-----|----------|
| Grants Licences to practise Physic with the title of |     |     |     |     |          |
| Licentiate of the Royal College of Physicians        | ... | ... | ... | ... | L.R.C.P. |
| And a Diploma of Membership                          | ... | ... | ... | ... | M.R.C.P. |

### THE ROYAL COLLEGE OF SURGEONS

|                                                        |     |     |     |     |          |
|--------------------------------------------------------|-----|-----|-----|-----|----------|
| Grants a Diploma of Membership of the Royal College of |     |     |     |     |          |
| Surgeons, with the right to practise Surgery           | ... | ... | ... | ... | M.R.C.S. |
| It also grants a Diploma of Fellowship                 | ... | ... | ... | ... | F.R.C.S. |
| A Licence in Dental Surgery                            | ... | ... | ... | ... | L.D.S.   |
| A Licence in Midwifery                                 | ... | ... | ... | ... | L.M.     |

### THE SOCIETY OF APOTHECARIES

|                                                       |     |     |     |     |        |
|-------------------------------------------------------|-----|-----|-----|-----|--------|
| Grants Licences to practise as an Apothecary with the |     |     |     |     |        |
| title of Licentiate of the Society of Apothecaries    | ... | ... | ... | ... | L.S.A. |

It is usual to take at least one Medical and one Surgical qualification ;



and the Student will probably become a Member of the College of Surgeons for the latter purpose, while his choice of a Medical qualification must depend somewhat on his abilities and opportunities. No qualification can be obtained until after the age of 21; but the amount of professional study required is not the same for all the examining bodies. Thus the Diplomas of the College of Physicians, the College of Surgeons, and of the Apothecaries' Society, can be obtained after four years' professional study at an Hospital, and the Degree of M.B. of the London University after four years and a half of Hospital study,—provided that the Matriculation Examination is passed before entry at the Hospital, and the Student is able to pass the Preliminary Scientific and the first M.B. Examinations within his first two years. Advantage may be often gained by attendance on the special courses for the Preliminary Scientific Examination, with the object of passing it before entering upon the usual Anatomical and Physiological studies.

### PRELIMINARY EXAMINATION IN ARTS.

Before entering upon the strictly professional work, it will be necessary to pass a *Preliminary Examination in Arts*, as hospital studies undertaken before a certificate of knowledge in the subjects of general education has been obtained are not recognized by the examining bodies. This certificate may be one of graduation in Arts at one of the following Universities :—

Oxford, Cambridge, Dublin, London, Durham, Queen's University in Ireland, Edinburgh, Glasgow, Aberdeen, and S. Andrew's.

Calcutta, Madras, and Bombay.

Canada—McGill College, Montreal; and Queen's College, Kingston.

Australia—University of Adelaide.

Or it may be a certificate of one of the following Examinations .—

Oxford. Responsions or Moderations.

Local examinations, senior and junior, the certificates to include Latin and Mathematics.

Cambridge. Previous Examination.

Local examinations, senior and junior, the certificates to include Latin and Mathematics.

Oxford and Cambridge “Schools Examination Board.” The certificates to include the several subjects required in the Preliminary Examination of the College of Surgeons.

Dublin. Entrance examination.

London. Matriculation examination.

Durham. Examination of Students in Arts in their second and first years.

Local examinations, senior and junior, the certificates to include Latin and Mathematics.

Registration examination for Medical Students.

Queen's University in Ireland. Two years' Arts Course for diploma of Licentiate in Arts.

Preliminary examinations at end of B.A. Course.

Local examinations, the certificates to include Latin and Mathematics.

Matriculation examinations.

Edinburgh, Aberdeen, Glasgow, and S. Andrews.—Preliminary or extra-professional examinations for graduation in Medicine.

Calcutta, Madras, and Bombay.—Matriculation examinations.

Canada ; Queen's College, Kingston.—Matriculation examination, preliminary examination of Students in Medicine. McGill College, Montreal ; University of Trinity College, Toronto ; Bishop's College, Montreal ; University College, Toronto ; Victoria College, Toronto ; University of Laval, Quebec.—Matriculation examinations.

Nova Scotia ; King's College, Windsor.—Matriculation examination. Responsions. New Brunswick ; Frederickton.—Matriculation examination. Dalhousie College and University.—Halifax ; Matriculation examination.

Australia ; Melbourne.—Matriculation examination, with a certificate that the Student has passed an examination in Latin. Sydney.—Matriculation examination. Adelaide.—South Australian Institute ; Preliminary examination. University of Adelaide.—Matriculation examination, Class I.

University of the Cape of Good Hope.—Matriculation examination.

New York ; Bellevue Hospital Medical College.—Matriculation examination.

The preliminary examination for the Fellowship of the College of Surgeons.

The preliminary examinations of the Royal Colleges of Surgeons in Ireland and of Edinburgh, or of the Faculty of Physicians and Surgeons of Glasgow.

The examination in Arts of the Society of Apothecaries of London, or of the Apothecaries' Hall of Ireland.

The first-class examination of the Royal College of Preceptors.

Testamur of the Codrington College, Barbadoes.

The Degree of Associate of Arts granted by the Tasmanian Council of Education, with a certificate that the Student has been examined in Latin and Mathematics.

The voluntary examinations of Christ's College, Canterbury, New Zealand, the certificate to include all the subjects required from time to time in the preliminary examination of the College of Surgeons.

Should the Student not have passed any one of the examinations above enumerated, he should pass one of the three following examinations :—

Matriculation of the London University.

Preliminary in Arts at the College of Surgeons.

Preliminary in Arts at the Society of Apothecaries.

Of these, the matriculation examination of the London University is to be recommended, as it is the only one of the three which admits to the subsequent examinations for Degrees in the University, and for the Fellowship of the College of Surgeons without additional examination.

The regulations with regard to these are shortly stated, and further information may be obtained for the University of London, page 96 ; Royal College of Surgeons, page 276 ; Apothecaries' Hall, page 280.



PERIOD AND ORDER OF STUDY REQUIRED BY THE UNIVERSITY OF LONDON, ROYAL COLLEGE OF PHYSICIANS, ROYAL COLLEGE OF SURGEONS, AND THE SOCIETY OF APOTHECARIES.

THE UNIVERSITY OF LONDON

Requires four years' professional study at one or more of the Medical Institutions or Schools recognised by that University, subsequently to the passing of the Matriculation Examination or graduation in Arts.

*Regulations as to the M.B. Degree.*

Candidates are required to have matriculated or graduated in Arts in a British University, to have studied Medicine four years, one in a British School.

There are three Examinations to be passed :—

The Preliminary Scientific takes place annually on the third Monday of July. Subjects: Mechanical and Natural Philosophy, Chemistry, Botany, Vegetable Physiology, and Zoology. Candidates must be seventeen years of age.

The first M.B. takes place annually on the last Monday of July. Candidates must be nineteen, and have passed the Preliminary Scientific Examination a year previously, and must have studied Medicine for two years.

Certificates required: Two Winters' Dissections, Practical Chemistry, Practical Pharmacy, and on three other subjects.

Subjects of Examination: Anatomy, Physiology, Chemistry, Botany, Materia Medica, and Pharmacy.

The second M.B. takes place annually on the first Monday of November. Candidates must have passed the first M.B. Examination.

Certificates required: Of the ordinary courses besides those above enumerated; of having conducted twenty labours; two years' surgical and two years' medical practice, with clinical lectures in such; and six months' practical medical and surgical work.

Subjects of Examination: General Pathology, General Therapeutics and Hygiene, Surgery, Medicine, and Forensic Medicine.

THE COLLEGE OF PHYSICIANS

Requires three Winter Sessions of six months each and two Summer Sessions of three months each, of Hospital attendance on Medical and Surgical Practice.

Certificates required: Of having attended, during three Winter Sessions and two Summer Sessions, the Medical and Surgical Practice at a recognized Hospital or Hospitals; of having discharged the duties of Clinical Clerk at a recognized Hospital for a period of not less than three months; of having performed the duties of Dresser at a recognized Hospital for a period of not less than three months; and of having been engaged during six months in the Clinical Study of Diseases peculiar to Women.

Of having studied the following subjects: Anatomy (with Dissections), during two Winter Sessions; Physiology, two Winter Sessions; Chemistry, six months; Practical Chemistry, three months; Materia Medica, three

months ; Practical Pharmacy, three months ; Botany, three months ; Morbid Anatomy, six months ; Principles and Practice of Medicine, two Winter Sessions ; Principles and Practice of Surgery, two Winter Sessions ; Clinical Medicine, two Winter Sessions and two Summer Sessions ; Clinical Surgery, two Winter Sessions and two Summer Sessions ; Midwifery and Diseases peculiar to Women, three months ; Forensic Medicine, three months.

### THE COLLEGE OF SURGEONS

Requires three Winter Sessions of six months each, and two Summer Sessions of three months each, of Hospital attendance on the Practice of Surgery.

Candidates will be required to produce the following other Certificates, viz.:—1. Of being twenty-one years of age. 2. Of having been engaged during four years in the acquirement of professional knowledge. 3. Of having studied Practical Pharmacy during three months. 4. Of having attended lectures on Anatomy, delivered not less frequently than four times in each week, during two Winter Sessions. 5. Of having performed Dissections during not less than two Winter Sessions. 6. Of having attended Lectures on Physiology, delivered not less frequently than twice in each week, during two Winter Sessions. 7. Of having attended Lectures on Surgery during two Winter Sessions, of which one Course must not be earlier than the third Winter Session, at a recognized Medical School. 8. Of having attended one Course of Lectures on each of the following subjects, viz.: Chemistry, Materia Medica, Medicine, Midwifery, and Pathology. 9. Of Instruction and Proficiency in the Practice of Vaccination. 10. Of having attended, at a recognized Hospital or Hospitals in the United Kingdom or Colonies, the Practice of Surgery during three Winter and two Summer Sessions ; and of having, subsequently to the first Winter Session of the foregoing attendance, attended at a recognized Hospital or Hospitals Clinical Lectures on Surgery, during two Winter and two Summer Sessions. 11. Of having attended, at a recognized Hospital or Hospitals, in the United Kingdom or Colonies, the Practice of Medicine, the Clinical Lectures on Medicine during one Winter and one Summer Session. 12. Of having attended, during the whole period of attendance on Surgical Hospital Practice, demonstrations in the *Post-mortem* rooms of a recognized Hospital. 13. Of having, subsequently to the completion of two years' professional education, taken charge of patients under the superintendence of a Surgeon during not less than six months, at a Hospital, General Dispensary, or Parochial or Union Infirmary recognized for this purpose, or in such other similar manner as, in the opinion of the Council, shall afford sufficient opportunity for the acquirement of Practical Surgery.

### THE SOCIETY OF APOTHECARIES

Requires three Winter and three Summer Sessions of Medical Practice.

#### PRELIMINARY EXAMINATION OF THE SOCIETY OF APOTHECARIES.

*Date*.—The last Friday and Saturday in January.

|   |   |            |
|---|---|------------|
| " | " | April.     |
| " | " | September. |

*Duration*.—Two days.

*Subjects.*—The English Language.

The Latin Language. (September examination : Horace's Odes, Book III.)

Mathematics : Arithmetic ; Algebra to Simple Equations ; The first two Books of Euclid.

One of the following subjects at the option of the Candidate :—Greek : Xenophon Anabasis, Books I. and II. ; French, Molière, "L'Avare ;" German, Fongué, "Undine ;" Natural Philosophy ; Mechanics ; Hydrostatics ; Pneumatics. Fee : one guinea.

### *Course of Study prescribed.*

First Winter Session : Chemistry, Anatomy and Physiology, Dissections. First Summer Session : Botany, Materia Medica and Therapeutics, Practical Chemistry. Second Winter Session : Anatomy and Physiology, including Dissections and Demonstrations, Principles and Practice of Medicine, Clinical Medical Practice. Second Summer Session : Midwifery and Diseases of Women and Children, Forensic Medicine and Toxicology, Clinical Medical Practice. Third Winter Session : Principles and Practice of Medicine, Clinical Medical Lectures, Morbid Anatomy, Clinical Medical Practice. Third Summer Session : Practical Midwifery and Vaccination, Morbid Anatomy, Clinical Medical Practice.

Certificates are required of having completed five years' apprenticeship (which may include the period spent at the Hospital) ; of a personal attendance of twenty cases of Midwifery ; and of having received instructions in Practical Vaccination.

### VACATIONS.

There are three months' Vacations during the year, viz., April, after the Winter Session, and August and September, after the Summer Session.

## MEDICAL TITLES AND PRIVILEGES.

Considerable discussion, and in many quarters some consternation, has been created by the proposed changes involved in the new Medical Amendment Act, which, if passed, will prevent Physicians who have not graduated at a recognised University from using the title of "Doctor." It would thereby affect thousands of practitioners, many of them doubly qualified, who will have to remove the prefix "Doctor," and be no longer addressed by that title. The term "Doctor" implies the possession of a degree from a University, and the College of Physicians a few years ago passed a resolution that even their own Fellows were not to be called "Doctors" unless they possessed such degree, still it should not affect those practitioners whose professional status has become recognised in our midst, and it would be a great injustice thus to interfere with the titles they have enjoyed by custom, if not by right, in many instances for a long period of years.



## THE RIGHTS AND PRIVILEGES OF CHEMISTS AND DRUGGISTS.

According to the legal interpretation, the medical profession is divided into four classes, viz.: 1. The physician, whose title of "Doctor" it is now intended to cancel, unless he has an University degree. 2. The ordinary Surgeon. 3. The Apothecary. And the fourth rank in the profession is the Chemist's and Druggist's; and as this latter sometimes acts as a practitioner in cases in which he considers himself fitted to treat, it is intended that some specific legal regulation be issued to prevent Chemists from having such discretionary powers.

Long before the Act of 1815 the apothecary was what the druggist afterwards became—"that is, he culled his simples himself in the fields, dried them in his *apotheke* or place in which he deposited them, and from thence administered them." But before 1815 the apothecary, besides being himself a seller, had acquired the habit, though not the technical right, of attending people, advising them, and giving them medicines. "The general practitioner of to-day," according to Mr. Justice Field's view, "is an apothecary as created by the Act of Parliament of 1815." After the Act, and by the terms of it, the practice of the apothecary is described as an "art, mystery, or faculty," and it is distinguished from the "trade or business" of a chemist or druggist by being closed to all who have not undergone a special training and passed a severe examination.

Speaking generally, chemists have honourably kept within their legitimate sphere of business, and whatever necessary regulations may be instituted in connection with their calling would doubtless receive their full support and cordial co-operation.



## OUR MEDICAL SCHOOLS.

### S. THOMAS'S HOSPITAL MEDICAL SCHOOL AND SURGICAL COLLEGE, WESTMINSTER BRIDGE, LONDON.

*President.*—H.R.H. the Duke of Connaught, K.G.

All accounts agree in attributing the origin of S. Thomas's Hospital to circumstances more or less accidental. In Stow's "Survey of London," we find that "a fire happened in the Borough of Southwark in the year 1207, which destroying the Priory of S. Mary Overie, the Canons erected an Hospital hard by for the celebration of divine service, till their Monastery could be rebuilt; which they soon after accomplishing, Peter de Rupibus, or De la Roche, Bishop of Winchester, for the greater convenience of air and water, removed the said Hospital in the year 1215, and erected it in a place where Richard, Prior of Bermondsey, but two years before had built an Almonry or Almshouse for the reception of indigent children and necessitous proselytes; and having dedicated the same to S. Thomas the Apostle, endowed it with land to the amount of three hundred and forty-three pounds per annum.

From this time, Golding truly says, nothing of importance occurred either in the government or revenues of S. Thomas's Hospital until the 26th year of Henry VIII., when an estimate was formed of the latter, which were found to amount to the annual sum of 347*l.* 3*s.* 6*d.* It is not to be wondered at that we have so little to record during these early times; for the "Hospitium" dependent on the rich Abbey of Bermondsey was, as the name strictly implies, more an Almshouse than an Hospital. No doubt the sick found their way into it with other distressed persons; and no doubt some learned monk, using the shelter and leisure of the cloister for researches in alchemy and medicine, was told off to minister to their physical necessities. The brotherhood of the Rosy Cross, to which Gower, now lying in the neighbouring church, belonged, was intimately connected with the early quest after arcana and elixirs of life which represented the science of the time.

In the year 1535, Henry VIII. was excommunicated by Pope Paul III., and, declaring himself head of the Church, he proceeded to dissolve the Catholic houses, whose large revenues went to the Crown. There seemed to have been 645 monasteries and abbeys thus treated, twenty-eight of which had abbots with seats in Parliament, ninety colleges and free chapels, and 110 hospitals of various descriptions. It is certainly in favour of the sweeping change that so able and honest a man as Sir Richard Gresham, the Lord Mayor of London, should have put his hand to the following petition to the King:—

"Most redoubted, puyasant, and noble Prince \* \* \* \*—nere and within the cytie of London be iij hospitalls or spytells, commonly called Seynt Georges Spytell, Seynt Barthilmews Spytell, and Seynt Thomas Spytell, and the new Abbey of Tower Hill, founded of good devotion by auncient

fathers, and endowed with great possessions and rents only for the reliefe, comforte, and helping of the poore and impotent people lying in every street, offending every clene persone passing by the way with theyre fylthy and nasty savors. Wherefore may it please your merciful goodness, enclyned to pytie and compassion, for the reliefe of Xts very images created to his own similitude, to order by your high authoritie, as supreme head of this Church of England, or otherwise by your sage discretion, that your mayer of your cytie of London, and his brethren the aldermen for the time being, shall and may from henceforth have the order, disposition, rule and governaunce, both of all the lands, tenements, and revenues apperteynyng and belongyn to the said Hospitals, governors of them, and of the ministers which be or shall be withyn any of them, and then your grace shall facillie perceyve that where now a small number of Chanons, Priests, and Monkes be founde for theyr own profit only, and not for the common utilitie of the realme, a great number of poore, needy, syke and indugent persones shall be refreshed, maynteyned, and comforted; and also healed and cured of their infirmities frankly and freely by physicians, surgeons and potycaries, which shall have stipende and salarie only for that purpose; so that all impotent persones not able to labour shall be releved, and all sturdy beggars not willing to labour shall be punished."

It is from the death of Henry that the connection of S. Thomas's Hospital with the City of London appears to begin. To meet the needs of the sick and destitute, who had before depended on the charity of the religious houses, a Committee or Board of Inquiry was instituted by the citizens, with the sanction of King Edward. About 2,100 souls were reported as fit recipients of relief, as fatherless children and invalids, or as "Idle Rogues of both sexes who were levyng contributions on public sympathy by feigned tales of sorrow." It was proposed to establish receptacles for each class in the unoccupied monastic buildings, and a pecuniary contribution was set on foot to complete the work. They bought the dissolved houses of the Franciscans or Grey Friars near S. Bartholomew's Hospital, and also by charter from the King received a grant as follows: "That the said mayor, commonalty, and citizens, and their successors, may have and enjoy all the franchises, immunities, and privileges whatever, which any Archbishop of Canterbury, and which the said Charles late Duke of Suffolk, or any master, brethren, or sisters of the late Hospital of S. Thomas in Southwark as aforesaid; or any Abbot of the said monastery of S. Saviour, Saint Mary Bermondsey, next Southwark aforesaid, or any prior and convent of the priory of S. Mary Overie, ever had or enjoyed, or which we hold or enjoy, or our most dear father Henry the VIIIth, late King of England, or had enjoyed, or ought to have, hold, and enjoy the same; and that none of our heirs or successors may intermeddle with this our grant."

The Greyfriars became Christ's Hospital, and the Southwark site, the Hospital of the Holy Trinity or S. Thomas's. The Lord Mayor and certain citizens then met on the 6th of October, 1552, and constituted themselves by royal permission governors of the hospitals, and almoners of the money collected. The Hospital of the Holy Trinity they named, in compliment to Edward, the "King's Hospital," and ordained it to receive 260 "wounded soldiers, blind, maimed, sick, and helpless objects."

They also directed that 380 children should be received into Christ's Hospital.

To complete the scheme, the old palace of Bridewell, in Blackfriars, where the Emperor Charles V. had lodged in 1522, when on a visit to Henry VIII., and where subsequently Wolsey had lived, was granted to the City by Edward as a house of correction for dissolute persons and idle apprentices, and for the temporary maintenance of distressed vagrants.

Lastly, the lands lately belonging to the Palace of the Savoy were conferred jointly on the three foundations; and, a month only before the end of Edward's short reign, he incorporated by a second charter bearing date the 6th of June, 1553, the Lord Mayor and commonalty of the City of London in succession as perpetual governors of Saint Bartholomew's, Christ's, Bridewell, and the King's Hospital (which last received the name of S. Thomas the Apostle), and secured to them the possession of all the estates and revenues appertaining to them by previous deeds of gift. So were the royal hospitals founded.

In 1557 the laws were framed and printed under the name of "The Order of the Hospitals of K. Henry the VIII. and K. Edward the VI., viz., S. Bartholomew's, Christ's, Bridewell, S. Thomas's. By the Maior, Cominaltie, and Citizens of London," etc.

It is a matter of more difficulty to trace the early history of the medical school in connection with the hospital. For the facts which follow I am indebted to the late R. G. Whitfield, Esq., who, from the long period during which his family had been associated with this foundation, was perhaps more qualified to speak than any other person.

The earliest mention in the hospital books of an apprentice is on December 31st, 1561. It is not until 1702 that a law is met with precluding pupils or surgeons from dissecting the dead body without permission from the treasurer.

In 1703 the grand committee resolved that no surgeon should have more than three "Cubbs," a term altered in 1758 to that of "Dressers." Besides these there were also apprentices to the surgeons of the hospital, and ordinary pupils. The first mention of lectures occurs soon after the appointment of Wm. Cheselden, in 1718. These he at first gave at his own house, but afterwards by permission in the hospital. They were on anatomy and surgery. In 1723 a regular registry was ordered to be kept by the apothecary, of pupils entering to surgical practice. In 1725, Guy's Hospital was opened for the reception of patients. In 1751, the assistant physician was allowed to take two pupils for his own benefit. In 1768, an additional surgeon, Mr. Joseph Else, was elected to read lectures to the pupils.

The students of Guy's Hospital had by courtesy been allowed to attend the operations, and a similar favour admitted the S. Thomas's men to those at Guy's. But on the 8th November, 1768, it was formally resolved that the pupils of each hospital have the liberty of attending not only the operations, but surgical practice, and the money to be divided between the six surgeons and two apothecaries. Hence the appellation of the "United Hospitals;" an amalgamation never extended beyond the surgical practice.

From its foundation down to the year 1862, the Hospital occupied the original site near London Bridge, but in that year the property was sold for the extension of the railway accommodation, and the establishment temporarily removed to the Surrey Gardens, where it was carried on till the summer of 1871. In 1868 the first stone of the new hospital at Westminster Bridge was laid by the Queen, and the completed building was

opened by Her Majesty in 1871. In September the patients were first admitted into the new hospital, and the Medical School was opened on October 2nd.

The original hospital latterly contained 500 beds. The present building contains in all 572 beds. It consists of six blocks appropriated to the reception of patients ; with one for the administrative and other offices, and one for the Medical School. The Ward blocks, though connected by corridors, stand apart, so as to afford free exposure in all directions. The Wards, with the exception of four which are placed on the ground floor, occupy the first, second, and third floors. Generally, each Ward affords accommodation for 28 beds, which are placed against the piers between the windows, so as to secure thorough ventilation. In a small Ward annexed to each larger Ward, there are two beds for cases requiring special care or treatment.

During the twelve months ending December 31st, 1880, the number of patients admitted into the Hospital amounted to 4,081. In the same period, 21,532 out-patients have been treated, and in the Maternity Department 2,136 women have been attended at their own homes. Casualties, to the number of 43,054 attendances, were treated during the same period.

The School buildings stand at the southern extremity of the Hospital, from which they are quite isolated. They contain ample accommodation for large classes of students.

The Museum is one of the most important in the metropolis. There is a large Reading Room and Library for the use of the pupils.

In addition to these are the various Lecture Rooms, the Dissecting Rooms, the Laboratories for Practical Physiology and for practical Chemistry, and the Post-mortem Rooms.

At the opening address in 1880, Dr. Ord, the Dean of the Medical School, chose as his subject "Medical Education," chiefly from the parent and student's point of view. The studies, he said, should include the classics as well as modern languages, history, geography, mathematics, and natural philosophy. Referring to natural science, he maintained that it ought to form part of the school schedule. A boy should not go direct from school to the hospital. There should be a course of study between the school life and the hospital life. It was a great plunge for a boy to suddenly leave the moral restraint and supervision of school life for the freedom of the hospital. It was highly desirable that a common college should be formed in London in connection with our medical schools, where the sciences should be taught, leaving the teaching of pure medicine and surgery, with perhaps anatomy and physiology, to the hospital schools.

#### SCHOLARSHIPS.

The WILLIAM TITE Scholarship. This Scholarship, founded by the late Sir W. Tite, C.B., M.P., F.R.S., and endowed with 1,000*l.* Consols, produces 30*l.* per annum.

The MUSGROVE Scholarship. This Scholarship, founded by Sir John Musgrove, Bart., the President of the Hospital, and endowed with 1,400*l.* Consols, produces 40 Guineas per annum, and is tenable for 2 years.

A College Scholarship of the value of 40 guineas, also tenable for two years, will be given every second year.

Entrance Scholarships.—Two entrance Scholarships in Natural Science of the value of 100*l.* and 60*l.*

Prizes amounting to 200*l.* are annually awarded, exclusive of Gold and Silver Medals, etc.



FEES FOR ATTENDANCE ON THE LECTURES  
AND ON THE PRACTICE OF THE HOSPITAL.  
PERPETUAL TICKETS.

*Admitting to Hospital Practice and Lectures.*

The Fee to Hospital Practice and Lectures may be paid in several ways.

- 1st. One hundred and twenty-five pounds paid on entrance ;
- 2nd. One hundred and thirty pounds in two payments, 70*l.* on entrance, and 60*l.* at the beginning of the next year ;
- 3rd. Payment by three instalments, viz., of 60*l.* at the beginning of the first year, 50*l.* at the beginning of the second year, and 30*l.* at the beginning of the third year, entitles a Student after payment of the third instalment to an unlimited attendance.

Gentlemen entering at St. Thomas's in the second year of their Studentship pay 65*l.* for that year ; 25*l.* for the third year ; or upon paying 85*l.* on entrance they will become Perpetual Students. Students entering in their third year pay 40*l.* : for the next year 20*l.*, or one payment of 55*l.* on entrance will entitle them to be Perpetual Students.

The fee for attendance on the *general* subjects required of Students in Dental Surgery, is for the two years, 55*l.*, or by instalments, 50*l.* for the first year and 10*l.* for the second year. If certificates for *Dental* practice are also required, the special fee for that subject has to be paid.

Regularly qualified Medical Practitioners are admitted to the Hospital practice, and to the Lectures and Library, on payment of a fee of 12*l.* 10*s.* for unlimited attendance, but are not entitled to receive certificates for such attendance.

All privileges in respect of Hospital attendance are granted subject to the approval of the Governors.

The different Courses of Lectures, or the Hospital Practice, may also be attended separately on the following terms :—

For the Medical and Surgical Practice, including the Special Departments :—

|              |            |               |          |
|--------------|------------|---------------|----------|
| Three months | ... £15.   | Twelve months | ... £40. |
| Six          | „ ... £26. | Perpetual     | ... £55. |
| Nine         | „ ... £35. |               |          |

For Lectures and Demonstrations :—

|                                               |                    |                      |
|-----------------------------------------------|--------------------|----------------------|
|                                               |                    | 1 Course. Perpetual. |
| Medicine, Surgery, Physiology, Anatomy, Dis-  | } 7 Gs. ... 10 Gs. |                      |
| sections, Chemistry ... .. each               |                    |                      |
| Midwifery ... ..                              | 5 „ ... 6 „        |                      |
| Materia Medica, Botany, Physics, Forensic     | } 4 „ ... 5 „      |                      |
| Medicine, General Pathology, and Com-         |                    |                      |
| parative Anatomy ... .. each                  |                    |                      |
| Mental Diseases, Ophthalmic Surgery, Dental   | } 2 „ ... 3 „      |                      |
| Surgery, State Medicine ... .. each           |                    |                      |
| Practical Chemistry, Practical Surgery, Prac- | } 6 „              |                      |
| tical Physiology, Morbid Anatomy and          |                    |                      |
| Practical Pathology ... .. each               |                    |                      |

Instructions in Pharmacy and Pharmaceutical manipulation, to meet the requirements of the Royal Colleges of Physicians and Surgeons, and of the Society of Apothecaries, is given in the Dispensary of the Hospital. The fee for this course of instruction is 5 guineas for three months.

Students are requested to observe that, by the Regulations of some of the Examining Bodies, and of the Hospital, the different courses of Lectures should be attended in the following order :—

### FIRST YEAR.

*Winter Session.*—Anatomy, Dissections, Physiology, Chemistry.

*Summer Session.*—Materia Medica, Botany, Practical Physiology, Practical Chemistry, Clinical Surgery.

### SECOND YEAR.

*Winter Session.*—Anatomy, Physiology, Practical Surgery, Dissections, Clinical Medicine and Surgery.

*Summer Session.*—Midwifery, Comparative Anatomy, Clinical Medicine and Surgery.

### THIRD YEAR.

*Winter Session.*—Medicine, Surgery, Clinical Medicine and Surgery.

*Summer Session.*—Forensic Medicine, Pathological Anatomy, Clinical Medicine and Surgery.

Students are advised during their first Winter Session to attend the Lectures on Physics and Natural Philosophy; in their third or fourth Summer Session, to attend the course of Practical and Manipulative Surgery, Forensic Medicine, Pathological Anatomy, Clinical Medicine and Surgery, the course of Ophthalmic Surgery, and the Lectures on Mental Diseases and on Hygiene.

They are also strongly recommended to devote, during the whole period of their attendance at the Hospital, as much time as they can spare from other engagements, to the study of Practical Medicine and Surgery in the wards and in the out-patients' rooms.

All information as to the course of study, Scholarships, Prizes, Appointments, etc., will be given by Dr. Gillespie on application.

## MEDICAL OFFICERS AND LECTURERS OF THE HOSPITAL AND MEDICAL SCHOOL.

### *Consulting Physicians.*

T. A. Barker, M.D., Cantab et Edin., 27, Wimpole Street, W.

J. Risdon Bennett, M.D., Edin., F.R.S., 22, Cavendish Square, W.

### *Consulting Surgeons.*

F. Le Gros Clark, Esq., F.R.S., Sevenoaks.

John Simon, C.B., F.R.S., D.C.L., 40, Kensington Square, W.

### *Consulting Ophthalmic Surgeon.*

R. Liebreich, Esq., 29B, Albemarle Street, W.

### *Physicians.*

J. S. Bristowe, M.D., Lond., 11, Old Burlington Street, W.

W. H. Stone, M.A., M.B., Oxon, 14, Dean's Yard, Westminster.

W. M. Ord, M.D., Lond., 7, Brook Street, W.

J. Harley, M.D., Lond., 39, Brook Street, W.

### *Obstetric Physician.*

H. Gervis, M.D., Lond., 40, Harley Street, W.

*Surgeons.*

Sydney Jones, Esq., M.B., Lond., 16, George St., Hanover Sq., W.  
 John Croft, Esq., 61, Brook St., Grosvenor Sq., W.  
 William MacCormac, Esq., 13, Harley Street, W.  
 Francis Mason, Esq., 5, Brook St., Grosvenor Sq., W.

*Ophthalmic Surgeon.*

E. Nettleship, Esq., 5, Wimpole Street, W.

*Assistant Physicians.*

J. F. Payne, M.B., Oxon., 78, Wimpole Street, W.  
 S. J. Sharkey, M.D., S. Thomas's Hospital.  
 G. Gulliver, M.B.

*Assistant Obstetric Physician.*

R. Cory, M.B., Cantab., 14, Palace Road, S.E.

*Assistant Surgeons.*

A. O. MacKellar, Esq., 22, George Street, W.  
 H. H. Clutton, Esq., 16, Palace Road.  
 W. Anderson, Esq., 13, Welbeck Street, W.

*Dental Surgeon.*

J. W. Elliott, Esq., 4, Finsbury Square, E.C.

*Assistant Dental Surgeon.*

W. G. Ranger, Esq., 4, Finsbury Square, E.C.

*Resident Assistant Physician.*

E. C. Shepherd, M.D., S. Thomas's Hospital, S.E.

*Resident Assistant Surgeon.*

B. Pitts, Esq., S. Thomas's Hospital, S.E.

*Apothecary.*

Mr. S. Plowman, S. Thomas's Hospital, S.E.

*Demonstrators of Morbid Anatomy.*

Dr. Sharkey, St. Thomas's Hospital.  
 Dr. Hadden.

*Analytical Chemist.*

Albert J. Bernays, Ph.D., Acre House, Brixton, S.W.

*Lecturers.*

A. W. Bennett, Esq., M.A., B.Sc., F.L.S., 6, Park Village East,  
 Regent's Park, N.W.  
 Alfred Carpenter, M.D., Croydon.  
 T. C. Charles, M.D., 10, Mitre Court Chambers, Temple, E.C.  
 George Rainey, Esq., Gresham Park, Brixton, S.W.  
 R. W. Reid, M.D., 10, Nottingham Place, W.  
 Charles Stewart, Esq., F.L.S., 25, Albert Square, Clapham Road, S.W.  
 H. Rayner, M.D., Hanwell, W.

*Registrars.*

*Medical.*—Dr. Sheppard. *Surgical.*—W. H. Battle.

*Curator of the Museum.*—Mr. C. Stewart, F.L.S.

*Librarian.*—Mr. E. H. Denison.

*Secretary.*—Dr. Gillespie. *Dean of the School.*—Dr. Ord.

See also Index to Appendix A.

## GUY'S HOSPITAL MEDICAL SCHOOL,

S. THOMAS STREET, BOROUGH, S.E.

This Hospital was founded, A.D. 1722, by Thomas Guy, at his "sole cost and charges." He was born in the year 1645, and in the year 1660 he was bound apprentice to Mr. John Clarke, a bookseller in the Porch of Mercer's Chapel in Cheapside. In 1668 he became a Freeman of the City of London, and of the Stationers' Company, and started in business with a capital of about 200*l.*, at "the little corner house of Lombard Street and Cornhill." Five years later he became a Liveryman of the Stationers' Company. His business flourished, and he gradually acquired considerable wealth. In course of time he was chosen Sheriff of London ; but he paid the fine and declined to serve. In the year 1695 he entered Parliament as Member for Tamworth ; and he subsequently sat in all Parliaments from the third of William III. to the first of Queen Anne. "His private acts of charity were many and great." To many of his poor though distant relations he made stated yearly allowances of greater or less amount. He frequently accomplished the discharge from prison, and reinstatement in business, of insolvent debtors, who at that period were liable to very harsh treatment. He was constantly ready to advance money, without charge for interest, to enable young men, whom he knew to be deserving, to start in business. "When he met with such diseased and friendless objects as wanted the help of an Hospital, he used to send them to S. Thomas's (of which institution he was a Governor), with directions to the Steward to supply them at his expense with clothes and such other necessaries as are not provided by the Hospital." Among his more public acts of benevolence the following may be mentioned :—He made large benefactions to the Stationers' Company and to Christ's Hospital. He built, maintained during his life, and endowed by his will, almshouses, and a Free Library at Tamworth. In 1707 he built and furnished three Wards, in S. Thomas's Hospital, for the reception of sixty-four patients, and contributed one hundred pounds yearly towards their support. At a later period he expended some three thousand pounds further in improvements or repairs of the same Hospital, or in addition to its funds.

In 1720 he proceeded to carry out the scheme, viz., the foundation of the Hospital which bears his name ; and he leased from the Governors of S. Thomas's Hospital, for the term of 999 years, the piece of ground upon which he proposed to build, and which forms an important portion of the site of the present Hospital.

On the 24th September, 1724, Guy made his will. He survived long enough to see the building completed ; and then, on the 27th December, he died at the age of 80 years. In little more than a week the Hospital was opened ; and on Thursday, 6th January, 1725, 60 patients were admitted. On the 6th April following, the first Committee of Governors was held ; and on the 9th, two Physicians and two Surgeons were formally appointed.

The Hospital now contains accommodation for 695 patients. The Surgical Wards, including those for accidents and for venereal diseases, and the Operating Theatre, are in the "Old Building" (I). The General Medical Wards are in the New Building, which also contains the Ophthalmic Wards with 50, and the Obstetric Wards with 26 beds, as well as spacious dormi-

tories for the nurses, the out-patients' rooms, and a ward which is reserved for use in case of extra pressure from epidemics, and in order to allow of the other wards being at intervals purified and left empty for a time.

By his will, Guy bequeathed the residue of his property for the endowment of his Hospital, and to provide for the maintenance in it of four hundred patients. The sum expended during his lifetime in the building and furnishing of the Hospital, together with that received for its endowment under his will, amounted to little short of two hundred and fifty thousand pounds. The benefits conferred on the world by this munificent Foundation are incalculable, and are ever increasing. And the memory of the Founder may well be held in reverence.

On the 8th February, 1828, William Hunt, Merchant and Citizen of London, and for many years an influential Governor of this Hospital, added a codicil to his will, by which about 180,000*l.* came to the funds of the Hospital at his death in 1829. Three windows of stained glass have been recently placed in the Chapel by the Governors, commemorative of this munificent benefaction.

The Chapel, in which Sunday and week-day services are held, affords accommodation for Students, as well as for other members of the Institution. It contains a fine statue of the Founder by Bacon, tablets in memory of Sir Astley Cooper and of Dr. Addison, and the windows of stained glass, already mentioned, in memory of Mr. Hunt.

The School of Medicine and Surgery attached to Guy's Hospital may be considered to date its formal commencement from about the year 1769, when a resolution was approved by the Governors to the effect that "all such persons as shall be chosen Surgeons of this Hospital shall occasionally give Lectures on Surgery to the pupils that shall be entered at this Hospital."

In the year 1768, it was resolved "that the barrier between this Hospital and S. Thomas's be taken down, and that the pupils of S. Thomas's have free leave to see not only the operations but also all the other practice of this Hospital." Corresponding advantages were afforded to the pupils of this Hospital by the authorities of S. Thomas's. Thus was established the union of the Schools of Guy's and S. Thomas's—a union maintained until such comparatively recent date that very many alumni of "The United Hospitals" still survive. Some of the courses of lectures (notably those on Surgery) were given at S. Thomas's; others (notably those on Medicine) at Guy's; and the practice of both Hospitals was open to the pupils of each. In the beginning of the year 1825 circumstances arose which led to the dissolution of the union, and by a resolution of the Governors, the Treasurer of Guy's was "requested and authorized to make such arrangements as he may find necessary to provide for and place the Surgical School of this Hospital, in all its departments, on the most respectable and efficient footing." In accordance with this resolution, and under the direction of the Treasurer, the erection of a block of buildings containing the Anatomical Theatre, the Museum, a Dissecting Room, and other requisite offices, was promptly executed, at a cost of about 8,000*l.* On the 21st of June, 1826, the Treasurer reported "all the school buildings ready and occupied." From this period dates the establishment of "Guy's" as an independent and complete medical school, affording opportunities for study and means of instruction, not only in medicine and surgery, but also in all the various allied sciences, in accordance with the prescribed curricula of the Examining and Licensing Corporations, and the



requirements of the Public Services. Important alterations in the arrangements, and additions to the buildings, have been made from time to time, with the view to meet as completely as possible increasing demands.

Instruction is given in all branches of Medical Science required by the Universities and Examining Boards.

Special classes are held in the Hospital for Students preparing for the Examinations of the University of London and of the College of Surgeons.

The Museums of Anatomy, Pathology, and Comparative Anatomy contain 11,000 specimens, 4,500 drawings and diagrams, an unique collection of anatomical models, and a series of 600 models of skin diseases. About 2,500 cases are annually attended by the Students in connection with the lying-in charity.

### REGULATIONS RESPECTING STUDENTS.

Gentlemen desirous of becoming Students must produce satisfactory testimony as to their education and conduct. Students are required to conform to the rules and regulations for the internal management of the Hospital. Several of the Lecturers have vacancies for resident private pupils:

There are several Scholarship prizes and medals granted to Students annually—two open Scholarships, each of 125 guineas, (1) in Classics, Mathematics, and Modern Languages; (2) in Chemistry, Physics, Botany, and Zoology. There are also six Scholarships, varying in value from 10*l.* to 50*l.* each, and are awarded at the close of each Summer Session for general proficiency in medical study. Two gold medals are given by the Treasurer, one for medicine and one for surgery, and there are other prizes and rewards.

### COURSE OF STUDY ADVISED TO STUDENTS.

On receiving his card of admission to lectures and practice, the Student should proceed as soon as possible to register it at the College of Surgeons, Lincoln's-inn-fields, and at the Apothecaries' Hall, Blackfriars. It is also necessary to register at the office of the General Medical Council, 415, Oxford Street; the Student may effect this by filling up a form in the office at Guy's Hospital, and leaving with it the certificate of his Preliminary Examination. These are then sent up, with those of other Students, to the Medical Council Office, and the Examination Certificate and a Certificate of registration are returned to the Student at a later date.

At the College of Surgeons and the Apothecaries' Hall the Student must attend personally within fifteen days from the commencement of the Session.

Students who intend to take a Degree in the University of London should defer entering the Hospital until they have matriculated, may with advantage pass the Preliminary Scientific Examination before commencing the usual courses of anatomy and physiology. If, however, they have only matriculated, then the first year should be devoted to learning the rudiments of Human Anatomy, and attending the courses of Chemistry, Physics, Botany, and Comparative Anatomy, in preparation for the Preliminary Scientific Examination. Special classes in each of these subjects are held, and Examination papers given. After this Examination has been passed, the second year should be devoted to Anatomy, Physiology, and the other subjects of the first M.B. Examination, and until this is passed it is advisable not to undertake any higher appointments than those of Assistant Surgeon's Clerk, Surgical Ward Clerk, and perhaps Dresser in the Surgery.

## FEES FOR HOSPITAL PRACTICE AND LECTURES.

A Perpetual Ticket may be obtained—(1) By the payment of one hundred and twenty-five guineas on entrance. (2) By two payments of 66*l.* at the commencement of the first Winter Session and the following Summer Session. (3) By the payment of three annual instalments at the commencement of the Sessional Year—First year, 50*l.*; second year, 50*l.*; third year, 37*l.* 10*s.*

Several of the Lecturers have vacancies for resident private pupils.

Fee for attendance on the Hospital Practice and Lectures required for the Dental Diploma of the College of Surgeons, 50 guineas; or in two annual instalments of 30 guineas and 20 guineas.

Clinical Lectures are given weekly in Medicine, Surgery, and Midwifery.

MEDICAL AND SURGICAL STAFF OF OFFICERS  
AND LECTURERS.

*Consulting Physicians.*—Sir W. Gull, M.D., D.C.L., F.R.S.; G. Owen Rees, M.D., F.R.S.

## SUMMER COURSES.

The Summer Session begins May 1st, and ends July 31st.

## WINTER COURSES.

The Winter Session commences October 1st, and ends March 31st.

*Medicine.*—Dr. S. Wilks, and Dr. F. W. Pavy.

*Clinical Medicine.*—Dr. S. Wilks, Dr. F. W. Pavy, Dr. W. Moxon, and Dr. C. Hilton Fagge.

*Surgery.*—Mr. T. Bryant and Mr. A. E. Durham.

*Clinical Surgery.*—Mr. N. Davies-Colley, Mr. T. Bryant, Mr. A. E. Durham, and Mr. H. G. Howse.

*Anatomy, Descriptive and Surgical.*—Mr. H. G. Howse and Mr. N. Davies-Colley.

*Physiology and General Anatomy.*—Dr. P. H. Pye-Smith.

*Clinical Lectures on Midwifery and Diseases of Women.*—Dr. Braxton Hicks, Dr. Gullabin.

*Chemistry.*—Dr. H. Debus and Dr. Thos. Stephenson.

*Experimental Physics.*—Prof. W. A. Reinold.

*Comparative Anatomy and Zoology.*—Dr. W. A. Brailey.

*Demonstrations.*

*Practical Surgery.*—Mr. R. C. Lucas.

*Practical Anatomy.*—Dr. R. E. Carrington, Dr. P. Horrocks, and Dr. W. H. White.

*Morbid Anatomy.*—Dr. C. H. Fagge and Dr. J. F. Goodhart.

*Cutaneous Diseases.*—Dr. P. H. Pye-Smith.

*Practical Physiology.*—Mr. C. H. Golding-Bird.

*Practical Pharmacy.*—Throughout the year.

*Medical Jurisprudence.*—Dr. T. Stephenson.

*Materia Medica.*—Dr. W. Moxon.

*Botany.*—Mr. G. T. Bettany, M.A.

*Practical Courses and University Classes in Anatomy, Physiology, Botany, Comparative Anatomy, and Natural Philosophy.*

The Registrars and the Demonstrators of Anatomy and Chemistry assist Pupils in their studies, and prepare them for their several Examinations, by Special Class Instruction during both Winter and Summer Sessions.

*Clinical Surgery.*—Mr. Forster, Mr. T. Bryant, Mr. A. E. Durham, and Mr. H. G. Howse.

*Anatomy, Descriptive and Surgical.*—Mr. H. G. Howse and Mr. N. Davies-Colley.

*Physiology and General Anatomy.*—Dr. P. H. Pye-Smith.

*Pathology.*—Dr. C. Hilton Fagge.

*Hygiene.*—Dr. F. Taylor.

*Dental Surgery.*—Mr. H. Moon.

*Mental Diseases.*—Dr. G. H. Savage.

*Practical-Chemistry.*—Dr. H. Debus.

*Experimental Physics.*—Prof. A. W. Reinold.

#### *Demonstrations.*

*Operative Surgery.*—Mr. R. Clement Lucas.

*Practical Anatomy.*—Mr. W. H. A. Jacobson.

*Demonstrators.*—Dr. R. E. Carrington and Mr. C. J. Symonds.

*Assist. Demonstrator.*—Vacant.

*Morbid Anatomy.*—Dr. C. Hilton Fagge and Dr. J. F. Goodhart.

*Cutaneous Diseases.*—Dr. P. H. Pye-Smith.

*Practical Physiology.*—Mr. C. H. Golding-Bird.

Dr. Brailey, Mr. W. Laidlaw Purves, Mr. C. Higgins.

*Ophthalmic Surgery.*—Mr. C. Higgins.

*Morbid Histology.*—Mr. W. H. A. Jacobson.

*Medical Registrar.*—Dr. F. A. Mahomed.

*Surgical Registrar.*—Mr. C. J. Symonds.

*Dean.*—Dr. F. Taylor.

## S. BARTHOLOMEW'S HOSPITAL AND COLLEGE, SMITHFIELD.

This Hospital was founded in the year 1123 by Rayhere, minstrel of Henry I., in connection with his foundation of the Church and Priory of S. Bartholomew. He designed his charity—‘Ad omnes pauperes infirmos ad idem hospitale confluentes quousque de infirmitatibus suis convaluerint, ac mulieres prægnantes quousque de puerperio surrexerint, necnon ad omnes pueros de eisdem mulieribus genitos, usque septennium, si dictæ mulieres intra hospitale predictum decesserint.’ The present annual value of the endowment of School and Hospital is 50,000*l*.

At the suppression of monasteries in 1537 the Priory and Hospital, and their revenues, came into the possession of Henry VIII., who, in 1544, at the petition of Sir Richard Gresham, Lord Mayor of London, and father of Sir Thomas Gresham, refounded the Hospital by Royal Charter, and endowed it with the greater portion of its former revenues; being ‘moved thereto with great pity for and towards the relief and succour and help of the poor, aged, sick, low, and impotent people . . . lying and going about

begging in the common streets of the city of London and the suburbs of the same,' and 'infected with divers great and horrible sicknesses and diseases.'

At the granting of the Charter the Hospital contained 100 beds, and its medical staff consisted of a Physician and three Surgeons.

From this its second foundation, S. Bartholomew's Hospital has increased in 300 years to more than six times its original extent; and the opportunities which, as it increased, it afforded for the study of disease, did not escape the learned and benevolent men who attended on the sick within its walls. They taught at the bedside, and gave lectures on the most important subjects of medical and surgical science and practice.

William Harvey, the discoverer of the circulation of the blood, was appointed physician to the Hospital in 1609, and held his office thirty-four years, highly honoured and esteemed by the Governors. The rules which he laid down for the duties of the medical officers of the Hospital were adhered to for nearly a century after his retirement.

Referring to this great discoverer, it may be interesting to record that he was born at Folkestone on the, 1st of April, 1578, and was educated at Canterbury School and at Caius College, Cambridge. He became a Fellow of the College of Physicians and was afterwards appointed Lumleian Lecturer to the College and Physician-Extraordinary to King James I. He was also the Physician-in-Ordinary to Charles I. During the Civil War his house in London was plundered, and papers containing the results of his anatomical and physiological investigations were destroyed. In 1657 he resigned his Lumleian Lectureship; and in the following year, the eightieth of his age, he died. The movements of the blood, and the functions of the heart and blood-vessels, were wholly unknown until Harvey solved the problem; and the importance of this discovery to Medical Science cannot be adequately estimated, for the whole fabric of modern Surgery rests upon it. The late Dr. Parkes affirmed that "the explanation of the actions of the heart and of the circulation of the blood is not only one of those cardinal discoveries which lie at the very foundation of physiology and medicine, but is from its very nature one of those great landmarks which must remain in the sight of all."

A banquet was held at the Royal College of Physicians in May, 1878, in honour of the three hundredth anniversary of the birth of this great discoverer; and it was decided to mark the tercentenary of Harvey's birth by the erection of a monument worthy his memory. Professor Huxley, in a very eloquent speech, referred to the life and labours of Harvey, of his claims as a philosopher and discoverer, and of the methods by which he worked for the attainment of the truths which it was his privilege to disclose. He also paid a fitting tribute to the high personal qualities which had won for him the esteem and regard of his fellow-workers and the men of his own time.

Although the actual commencement of a Medical School is not recorded, it appears that in 1662 students were in the habit of attending the medical and surgical practice of the Hospital; and their studies were assisted by the formation, five years afterwards, of a Library 'for the use of the Governors and young University scholars.'

In 1843 the Governors founded a College, to afford the pupils the moral advantages, together with the convenience, of a residence within the walls of the Hospital, and to supply them with ready guidance and assistance in their studies. This establishment has been enlarged to nearly twice its original extent.

The Church of S. Bartholomew-the-Less, which is within the Hospital walls, was restored in 1865.

In 1872 Sir Sydney Waterlow gave Lauderdale House and grounds at Highgate for use as a Convalescent Hospital for a term of years.

In 1877 an institution was opened for the training of nurses in connexion with the Hospital.

The Clinical Practice of the Hospital now comprises a service of 710 beds : of these, 227 are allotted to the Medical Cases, 322 to the Surgical Cases, 26 to Diseases of the Eye, 20 to the Diseases of Women, and 86 to the Syphilitic ; while 34 are at the Convalescent Hospital at Highgate. Children are admitted into both the Medical and Surgical Wards, those under 5 years of age being received into the female wards.

In the year 1876, relief was afforded to 5,652 in-patients, and 147,441 out-patients, besides women attended in their confinements at their own homes.

### THE COLLEGE.

It is part of the duties of the Warden to direct particularly the studies of the Resident Students ; but it is recommended that in questions relating to their education all Students should seek his advice. By applying to the Warden, Students will obtain information respecting rooms in College, or will be advised respecting residence out of the Hospital, as gentlemen connected with the Hospital receive Students to board in their houses.

Students attending the practice of the Hospital, or the Lectures in the Medical School, will be admitted to residence in the College on the recommendation of a Medical Officer of the Hospital. Students commencing their attendance at the Hospital or College may obtain such recommendations on adducing satisfactory evidence of good moral character.

Each Student shall pay an Entrance Fee of Two Guineas, and subscribe his readiness to submit to all the Regulations of the College and of the Hospital.

Resident Students are expected to dine in the Hall every day.

Non-Resident Students may dine in the Hall, if they give notice.

A Student may not, without the consent of the Warden, give up his rooms in the course of a Term. (The Terms are three in each year : namely, one extending from the commencement of the Winter Session in October to the commencement of the Christmas Vacation ; another from the conclusion of the same Vacation to the conclusion of the Winter Session at the end of March ; and the third from the commencement of the Summer Session in May to the conclusion of the same in July.)

For the terms of Board and Residence, and all other information regarding the College, application should be made, either personally or by letter to the Warden.

There are two Scholarships of the value of 100*l.* each, tenable for one year, and many other Scholarships, one of 80*l.*, two of 50*l.* each, four of 35*l.* each, one of 30*l.*, and one of 20*l.*, besides exhibitions and prizes.

### OFFICERS AND LECTURERS.

*Medicine*.—Dr. Andrew, Dr. Gee.

*Clinical Medicine*.—Dr. Andrew, Dr. Southey, Dr. Church, Dr. Gee.

*Surgery*.—Mr. Savory, F.R.S.

*Clinical Surgery*.—Mr. Savory, F.R.S. ; Mr. Langton ; Mr. Thomas Smith.

*Descriptive and Surgical Anatomy*.—Mr. Marsh ; Mr. Langton.

*General Anatomy and Physiology*.—Mr. Morrant Baker.

*Histology*.—Dr. Klein, F.R.S.



*Chemistry and Practical Chemistry.*—Dr. Russell, F.R.S.  
*Materia Medica.*—Dr. Brunton, F.R.S.  
*Forensic Medicine and Hygiene.*—Dr. Southey.  
*Midwifery and the Diseases of Women and Children.*—Dr. M. Duncan.  
*Botany.*—Rev. G. Henslow.  
*Pathological Anatomy.*—Dr. W. Legg.  
*Public Health and Hygiene.*—Dr. Thorne.  
*Comparative Anatomy.*—Dr. Moore.  
*Ophthalmic Medicine and Surgery.*—Mr. Power.  
*Dental Anatomy and Surgery.*—Mr. Coleman.  
*Mental Diseases.*—Dr. Clay Shaw.

*Demonstrations.*

*Morbid Anatomy.*—Dr. Moore.  
*Diseases of the Skin.*—Mr. Morrant Baker.  
*Orthopædic Surgery.*—Mr. Marsh.  
*Diseases of the Ear.*—Mr. Cumberbatch.  
*Diseases of the Eye.*—Mr. Vernon.  
*Practical Surgery.*—Mr. Bultin and Mr. Walsham.  
*Diseases of the Larynx.*—Dr. Brunton, F.R.S.  
*Practical Anatomy and Operative Surg.*—Mr. Cumberbatch, Mr. Walsham.  
*Assistant Demonstrators.*—Mr. Bruce Clarke, Mr. Edwards, and Mr. Griffiths.  
*Mechanical and Natural Philosophy.*—Mr. D. Macalister.  
*Practical Physiology.*—Dr. V. D. Harris.  
*Assistant Demonstrators.*—Mr. Nall and Dr. Ormerod.  
*Chemistry.*—Dr. Armstrong, F.R.S.  
*Medical Tutor.*—Dr. S. West.  
*Warden of the College.*—Dr. Norman Moore, M.D., Cantab.  
*Curator of the Museum.*—Mr. F. S. Eve.



## CHARING CROSS HOSPITAL SCHOOL OF MEDICINE.

62 & 63, CHANDOS STREET, CHARING CROSS, S.W.

Students who enter this Hospital for their entire Medical Education are called Matriculated Students, and enjoy certain privileges, and matriculation involves no examination.

The Physicians and Surgeons give daily Clinical Instruction at the bedside in the Wards of the Hospital, and Clinical Lectures are delivered three times a week.

Clinical Instruction in Diseases of the Eye and Ophthalmoscopic Demonstrations are given in the adjoining Ophthalmic Hospital, to which the Students of Charing Cross Hospital are free.

Clinical Demonstrations in Auscultation and Physical Diagnosis generally are given every week on such cases, both of out- and in-patients, as are available for the purpose; also practical instruction and demonstrations in Operative Surgery, Aural Surgery, and Dental Surgery.

The Hospital contains 180 beds. These, together with the 50 beds of

the adjoining Royal Westminster Ophthalmic Hospital, to the practice of which Matriculated Students are admitted, make a total of 230 beds available for clinical teaching.

Special classes for the preliminary Scientific Examination of the University of London are held during each Winter and Summer Session. *Dean*—Francis Herd, F.R.C.S.

Two Entrance Scholarships of the value of 30*l.* and 20*l.* respectively, tenable for one year, are awarded annually in October, after a competitive examination.

The Llewellyn Scholarship, of 25*l.*, Golding Scholarship of 15*l.*, Pereira Prize of 5*l.* (with Medal), the Governor's Gold Clinical Medal, and the Silver and Bronze Medals and Certificates of Merit of all the different classes, are open for competition to all Matriculated Students.

The following appointments are open to Medical Students :—

Medical Registrar (salary 40*l.* per annum).

Surgical Registrar (salary 40*l.* per annum).

Resident Medical Officer, Resident Surgical Officer, Resident Obstetrical Officer, Assistant Medical Officer, Assistant Surgical Officer, Clinical Clerkships, Surgeons' Dresserships, Dental Surgeon's Assistants, Pathological Assistants—open to all Matriculated Students without additional fee.

The fees for the entire Course of Lectures required by the Examining Boards amount to 91*l.* 7*s.*, including a fee of 2*l.* 2*s.* for Matriculation (which involves no examination), and they may be paid in five separate instalments. The first is payable on entrance, the second on the 1st of May following, and so on, the fifth instalment being due at the commencement of the third year.

Gentlemen can enter to any course of Lectures, or to Hospital Practice only.

The composition fee for Dental Surgery, including Matriculation, is 42*l.* 2*s.*, which can be paid in two instalments.

A Prospectus, containing much additional information, will be forwarded on application to the Dean.

#### LECTURERS AND TEACHERS.

*Anatomy*.—Mr. Bellamy, F.R.C.S.

*Physiology (Theoretical)*.—Dr. Silver, M.A.

*Physiology (Practical)*.—R. Norris Wolfenden, B.A., M.B.

*Medicine*.—Dr. Pollock, F.R.C.P.

*Surgery*.—R. Barwell, F.R.C.S.

*Chemistry*.—Mr. Heaton, F.I.C., F.C.S.

*Dissections*.—Mr. Jas. Cantlie, M.A., M.B., F.R.C.S.

*Materia Medica*.—Dr. J. Mitchell Bruce, M.A., F.R.C.P.

*Midwifery*.—Dr. Black, M.A., F.R.C.P.

*Forensic Medicine*.—J. Abercrombie, M.D.

*Pathology*.—Dr. Green, F.R.C.P.

*Botany*.—D. Colquhoun, M.D.

*Practical Chemistry*.—Mr. Heaton, F.C.S. Demonstrator, Mr. J. J. Broadbent, F.C.S.

*Comparative Anatomy*.—W. R. Forbes, B.A.

*Public Health*.—Mr. Heaton, F.C.S., and Mr. Eassie, C.E.

*Psychological Medicine*.—Dr. L. S. Forbes Winslow, D.C.L.

*Dental Surgery*.—Mr. Fairbank, M.R.C.S.

*Clinical Medicine.*—Dr. A. Silver.

*Auscultation and Case-taking.*—M. Lubbock, M.D.

*Diseases of Children.*—Dr. D. Colquhoun.

*Laryngoscopic Demonstrations.*—J. H. Morgan, F.R.C.S.

*Ophthalmoscopic Demonstrations.*—H. R. Whitehead, F.R.C.S.

*Aural Surgery.*—Mr. Bloxam, F.R.C.S.

*Practical Surgery:*

(a) *Operations.*—Mr. Bloxam, F.R.C.S.

(b) *Minor Surgery.*—Mr. Cantlie, F.R.C.S.

(c) *Surgical Pathology.*—Mr. Morgan, F.R.C.S.

*Skin Diseases.*—Dr. Sangster.

*Demonstrations, Bones, and Ligaments.*—Mr. Jas. Cantlie, F.R.C.S.

*Morbid Histology.*—Mr. Jas. Cantlie, M.A., M.B., F.R.C.S.

*Secretary.*—Arthur Reade.

*Dean.*—Francis Herd, F.R.C.S.

## THE MIDDLESEX HOSPITAL MEDICAL SCHOOL,

CHARLES STREET, BERNERS STREET, W.

This Hospital contains 305 beds, and there are special departments for diseases of women and children, the eye, the throat, and ear, the skin and the teeth, and a special department for the reception of patients suffering from cancer, which affords accommodation for 33 in-patients. They are admitted without letters of recommendation, and their period of residence in the Hospital is unlimited. Two Entrance Scholarships, value 25*l.* and 20*l.* respectively, are awarded annually at the beginning of the Winter Session, after an Examination in Classics, Mathematics, or Natural Science. The Broderip Scholarships, value 30*l.* and 20*l.*, are awarded annually to those Students who pass the most satisfactory examination at the bedside, and in the *post-mortem* room, and a prize, value 10*l.* 10*s.*, is given to the Candidate standing third in the competition. There is a Science Scholarship of the value of 50*l.* The Governors' Prize of 21*l.* is annually awarded to the most diligent Student throughout the entire curriculum. Class Prizes are also given, and there are valuable rewards in the form of nine Resident Appointments. The Tutor daily assists Students in their studies free of charge, thus rendering private teaching apart from the School unnecessary. The fee for the entire curriculum is 90*l.*, which may be paid by instalments. Gentlemen who have completed one year of study at one of the Universities may become perpetual pupils on payment of 55*l.*

Parents and guardians who propose sending pupils to the Hospital may obtain information from Mr. Andrew Clark, the Dean, or from the Resident Medical Officer, at the Hospital.

The Dean attends in the Board Room of the Hospital at one o'clock p.m. daily, from September 20th to October 14th, for the purpose of admitting Students and issuing tickets of admission to Hospital Practice and Lectures. It is most desirable that Students who propose to enter at the College for the Winter Session should do so on as early a day as possible, in order that they may register their names at the office of the Medical Council, 315

Oxford Street, W., and at the Royal College of Surgeons, before the expiration of the appointed time.

Some of the Lecturers receive Students as Resident Pupils ; for particulars, application should be made to the Dean.

During the past year 2,369 patients were admitted into the Wards of the Hospital. The number of out-patients during the same period amounted to 24,467.

Upwards of 500 Midwifery cases were attended under the superintendence of the Obstetric Physician during last year.

The Medical College attached to the Hospital provides the most complete means for the education of Students who are preparing for the examinations of the University of London, the Colleges of Physicians and Surgeons, and the Society of Apothecaries.

### OFFICERS AND LECTURERS.

*Consulting Physicians.*—Dr. Greenhow, F.R.S.; Dr. A. P. Stewart; Dr. Goodfellow; Dr. H. Thompson.

*Principles and Practice of Medicine.*—Dr. Cayley.

*Principles and Practice of Surgery.*—Mr. Morris, M.A., M.B. Lond.

*Practical Surgery.*—Mr. Andrew Clark.

*Physiology and General Anatomy.*—Mr. B. Thompson Lowne.

*Descriptive and Surgical Anatomy.*—Mr. Hensman.

*Chemistry.*—Mr. W. Foster, M.A. Cantab.

*Pathological Anatomy.*—Dr. Coupland.

*Dental Surgery.*—Mr. J. S. Turner.

*Midwifery and the Diseases of Women and Children.*—Dr. J. Hall Davis.

*Materia Medica und Therapeutics.*—Dr. Thorowgood.

*Forensic Medicine.*—Dr. D. W. Finlay, B.A.

*Botany.*—Dr. Biss, M.A. Cantab.

*Practical Chemistry.*—Mr. W. Foster, M.A. Cantab.

*Practical Physiology and Histology.*—Mr. B. Thompson Lowne.

*Public Health.*—Dr. D. W. Finlay, B.A.

*Comparative Anatomy and Zoology.*—Mr. Hensman.

*Psychological Medicine.*—Mr. Henry Case, Medical Superintendent of Leavesden Asylum.

*Clinical Lecturers on Medicine.*—Dr. Cayley, Dr. Coupland, Dr. Douglas Powell.

*Ditto on Surgery.*—Mr. Hulke, F.R.S., Mr. George Lawson, Mr. Hen. Morris.

*Ditto on Diseases of the Eye.*—Mr. Lang.

*Practical Demonstrations on Diseases of the Skin.*—Dr. R. Liveing, M.A. Cantab.

*Ditto on Diseases of Women and Children.*—Dr. Arthur W. Edis.

*Ditto on Diseases of the Larynx and Ear.*—Mr. Hensman.

*Registrars.*—Dr. J. W. Browne and Mr. Sidney Phillips.

*Resident Medical Officer.*—Mr. E. A. Fardon.

*Dean.*—Mr. Andrew Clark.

*Secretary.*—Major Ralph Leeson, M.A.



## UNIVERSITY COLLEGE HOSPITAL, GOWER STREET, W.C.

This Hospital was founded in 1828 as the University Dispensary, and intended to give "medical and surgical advice, and administer medicines gratuitously to poor persons suffering under disease of any description." It was in 1833 re-established as the North London Hospital. The Council of the University College, London, with the consent of the Proprietors, gave as their contribution a most eligible plot of ground, valued at 7,000*l.*, contiguous to the University. The first stone was laid by His Grace the Duke of Somerset on the 22nd May, 1833, and the Hospital was opened for the reception of patients on the 1st November, 1834, for the "Relief of poor sick and maimed persons, and the delivery of poor married women at their own habitations." It is a general hospital, and includes separate departments for diseases of women and of children; also for diseases of the skin, the eye, the ear, the throat, and the teeth. During the year 1877, upwards of 18,000 patients were relieved, 2,131 of which number were in-patients. The students at the Hospital go through a regular course of instruction, in the first instance, for two years at the University College; and to establish the connexion between the Hospital and the College, the Council of University College, of which practically the Hospital is the Medical School, gave it the name of the "North London or University College Hospital," by which title it is now known and called. The particulars of "University College" will be found in Part III.

Like many kindred Institutions, it is greatly in want of additional funds. By the melancholy death of Sir Francis Goldsmid in 1878, it lost one of its chief benefactors, for in addition to the legacy of 40,000*l.* to the College and 10,000*l.* to the Hospital, his annual subscriptions were more than the interest on that sum.

The President at a recent meeting stated that the College deserved support, not only on the same grounds as other charitable institutions, but because it was a great school, and its medical activity was very great. The average number of patients treated per bed at Hospitals in London is 9·2 per year per bed. At the University College Hospital it is 13·3, for 2,131 patients were passed through 160 beds. It was, therefore, the most costly Hospital, each bed costing over 70*l.* a year; while the average cost in other hospitals was about 60*l.* Its expense was therefore 15 per cent. above the average, but its activity was 30 per cent. above the average. While pupils were taught in it, they were not allowed to try their 'prentice hands on patients. It could not be said as of old—

"I had, O Symmachus, a simple pain.  
You came, a hundred students in your train;  
A hundred probing fingers pressed my brow.  
I had no fever then; I have it now."

The pupils were not in the modern well-conducted Hospital allowed to probe, but only to alleviate suffering. The patients were grateful to them, and often knew not the name of the great physician who had directed their treatment, but only that of the house surgeon or house physician who had attended them. University College was the first Hospital in which promotion did not go by purchase. A dresser had to pay a large sum, and other officers had to pay 500*l.* or 1,000*l.* for apprenticeship. This Hospital first had *la carrière ouverte aux talents*. The establishment of that principle



was most beneficent. Hospitals were to a certain extent on their trial now, a Royal Commission was even spoken of to inquire into their administration; and there was some foundation for such an inquiry. In matters of management, routine had set in in some hospitals; in matters of construction their own Hospital suffered from having been built in the pre-sanitary age. They wanted 4,000*l.* or 5,000*l.* to place it in such a position as to satisfy the sanitary requirements of the day. Money was also wanted for a convalescent institution. In 1876-77, 18,077 patients were relieved, 15,946 being out-patients.

The course of study is similar to that pursued at the other leading hospitals, and every Medical Student must be registered in the manner prescribed by the General Medical Council, and no Medical Student shall be registered until he has passed a preliminary examination as required by the General Medical Council. There are three Entrance Exhibitions of the respective values of 100*l.*, 60*l.*, and 40*l.* per annum, tenable for two years. There are two Scholarships, one of 45*l.* per annum, tenable for three years, and one of 70*l.* per annum; one prize of the value of 30*l.*, besides many other prizes and medals of less value.

#### COMPOSITION FEES FOR THE ENTIRE COURSE OF ATTENDANCE IN COLLEGE AND HOSPITAL

prescribed for the Licence of the College of Physicians, for the Diploma of the College of Surgeons, and for the Licence of the Society of Apothecaries:

125 guineas, if paid in one sum at the commencement of the course, or 130 guineas, if paid by instalments, as follows: First year, 60 guineas; second year, 50 guineas; third year, 20 guineas.

These fees admit to perpetual attendance upon Hospital Practice, and upon the Lectures in Anatomy, Physiology, Chemistry, Surgery, Medicine, and Midwifery, and to three years' Practical Anatomy; to one Course each of Botany, Materia Medica, Practical Chemistry, Practical Physiology, Medical Jurisprudence, Pathological Anatomy, Practical Surgery, and Pharmacy.

All fees are paid at the Office of the College, where the Student receives his tickets, which must afterwards be signed by the respective Professors. Drafts to be drawn in favour of Mr. Harry Brown, Assistant Secretary and Accountant. The Office is open from 9 a.m. till 4 p.m., except on Saturdays, when it closes at 1 p.m., and during the Vacations, 11 a.m. till 3 p.m., and Saturdays 11 a.m. till 1 p.m.

At the beginning of each Session after the first, Perpetual Tickets must be brought to the Office to be renewed and redated for the purposes of registration.

SESSIONAL TICKETS may be exchanged for PERPETUAL TICKETS on payment of the difference of the fees, *at any time before the end of the Session in which they are taken out*; but this exchange cannot be made at any later date, except on payment of another Sessional Fee.

The Tickets called "PERPETUAL TICKETS," for Classes in the Faculty of Medicine, will not be renewed after the expiration of five years from the date of their issue, except (1) to Students who have obtained a Medical or Surgical qualification, or (2) with the approbation, in writing, of the Dean of the Faculty.

Students are recommended to apply to the Dean or the Vice-Dean for any information or advice that they may require regarding their studies.

OFFICERS OF THE HOSPITAL.

*Dean.*—Professor Frederick T. Roberts, M.D., B.Sc.

*Vice-Dean.*—Professor G. D. Thane.

*Consulting Physicians.*

Walter Hayle Walshe, M.D., F.R.C.P.—37, Queen Anne Street, W.

Sir William Jenner, Bart., M.D., F.R.S., K.C.B., D.C.L., Physician-in-Ordinary to the Queen and to His Royal Highness the Prince of Wales, Professor of Clinical Medicine, University College.—63, Brook Street, W.

J. Russell Reynolds, M.D., F.R.C.P., F.R.S., Physician to the Queen's Household.

*Physicians.*

Wilson Fox, M.D., F.R.S., Physician-Extraordinary to the Queen, and Physician-in-Ordinary to their Royal Highnesses the Duke and Duchess of Edinburgh, Holme Professor of Clinical Medicine, University College.—67, Grosvenor Street, W.

Sydney Ringer, M.D., Professor of Medicine and of Clinical Medicine, University College.—15, Cavendish Place, W.

Henry Charlton Bastian, M.D., F.R.S., Professor of Pathological Anatomy and of Clinical Medicine, University College.—20, Queen Anne St., W.

F. T. Roberts, M.D., Assistant Teacher of Clinical Medicine.—53, Harley Street, W.

Dr. Graily Hewitt, F.R.C.P., Obstetric Physician.

Dr. Thomas Barlow, F.R.C.P.

*Assistant Physicians.*

William R. Gowers, M.D., Assistant Teacher of Clinical Medicine.—50, Queen Anne Street, W.

George Vivian Poore, M.D.—30, Wimpole Street, W.

*Obstetric Department—Physicians.*

Graily Hewitt, M.D., Professor of Obstetric Medicine, University College.—36, Berkeley Square, W.

John Williams, M.D.—28, Harley Street, W.

*Skin Department—Physician.*

Dr. H. R. Crocker, B.S., M.R.C.P.

*Assistant Medical Officer to the Skin Department.*

H. R. Crocker, M.D.—135, Gower Street, W.C.

*Consulting Surgeons.*

Richard Quain, F.R.S., Surgeon-Extraordinary to the Queen.—32, Cavendish Square, W.

J. Eric Erichsen, F.R.S., Surgeon-Extraordinary to the Queen.—6, Cavendish Place, W.

Sir Henry Thompson, M.B., F.R.C.S., Surgeon-Extraordinary to the King of the Belgians.—35, Wimpole Street, W.

*Surgeons.*

John Marshall, F.R.S., Professor of Surgery and Clinical Surgery, University College.—10, Savile Row, W.

M. Berkeley Hill, M.B., F.R.C.S., Professor of Clinical Surgery and Teacher of Practical Surgery, University College.—55, Wimpole Street, W.

Christopher Heath, F.R.C.S., Holme Professor of Clinical Surgery, University College.—36, Cavendish Square, W.

Mr. J. Tweedy, Assistant Ophthalmic Surgeon.

*Assistant Surgeons and Assistant Teachers of Clinical Surgery.*

Marcus Beck, M.B., M.S., F.R.C.S., Teacher of Practical Surgery, University College.—30, Wimpole Street, W.

Arthur E. Barker, F.R.C.S.I., Teacher of Practical Surgery, University College.—28, Welbeck Street, W.

Rickman J. Godlee, M.B., M.S., F.R.C.S.—22, Henrietta Street, Cavendish Square, W.

*Ophthalmic Department—Surgeons.*

John F. Streatfeild, F.R.C.S., 15, Upper Brook Street, W.

*Dental Department—Surgeon.—Vacant.*

*Assistant Professor of Clinical Medicine.*—Dr. W. R. Gowers.

*Assistant Teacher of Clinical Medicine.*—Dr. T. Barlow.

*Assistant Professors of Clinical Surgery.*—Mr. Marcus Beck and Mr. Arthur Barker.

*Assistant Professor of Midwifery.*—Dr. John Williams.

*Resident Medical Officer.*—Mr. J. W. Bond, M.B., B.S.

*Surgical Registrar.*—S. H. Burton, M.B., M.R.C.S.

*Dispenser.*—Mr. A. Gerrard.

*Secretary.*—Mr. Newton H. Nixon.

## WESTMINSTER HOSPITAL MEDICAL SCHOOL,

## OPPOSITE WESTMINSTER ABBEY.

This Hospital, the first established in this country by voluntary subscriptions, was instituted in 1719, and incorporated by Act of Parliament in 1836. In 1834, the Medical School was established. Alterations are in progress, which will enlarge the resources of the Institution, and place it on a par in sanitary matters with the best constructed of the modern Hospitals. It will contain upwards of 200 beds. With its smaller resources the Hospital received, during the year 1876, 1817 in-patients and 19,968 out-patients—Total, 21,785.

The Hospital and Medical School afford the means of complete instruction in Medicine and Surgery and the sciences in relation therewith.

There are separate departments for Diseases of the Eye, Diseases of the Ear, Diseases of the Skin, Diseases of the Teeth, and Diseases peculiar to Women.

In addition to the practice of the Hospital, pupils who enter for the whole period of medical education are permitted to attend, without further fee, the practice of the Royal Westminster Ophthalmic Hospital, and that of the National Hospital for Paralysis.

Clinical Lectures are delivered weekly during the Winter and Summer Sessions by the Physicians and Surgeons. The Offices of House Physician and House Surgeon are open to competition amongst gentlemen who have been educated at the Hospital, and who are qualified to practise under the Medical Registration Act. The House Physician and House Surgeon and other officers are not only appointed without the payment of any fee, but they are provided with board and lodging in the Hospital, free of expense. Clinical Clerks and Dressers are selected

from the most qualified Students, without any additional fee. The entire course of study (including Hospital Practice and Lectures) required by the Colleges of Physicians and Surgeons and the Society of Apothecaries may be attended on payment of 94 guineas, in three instalments, or 80 guineas in one sum.

There are two Scholarships of the value of 50*l.* a year each, tenable for two years; two Entrance Scholarships, of the value of 10*l.* per annum each, tenable for two years; one Scholarship of the value of 20*l.*, and several prizes and exhibitions.

### SUGGESTIONS TO STUDENTS.

Before commencing the period of Medical study it is necessary to pass a Preliminary Examination in Arts. The Examination most to be recommended is the Matriculation of the University of London, as it will enable the Student subsequently to present himself for a London Degree, should he desire to do so. Should circumstances deter the Student from offering himself for the matriculation, he will find an easier standard in one or other of the Preliminary Examinations for the Fellowship or Membership of the Royal College of Surgeons of England, or that of the Society of Apothecaries. Full information with regard to the dates and subjects of examination, or the list of examinations recognised by these bodies, may be obtained from the Secretary of the College of Surgeons, Lincoln's-Inn-Fields, or from the Beadle at Apothecaries' Hall, Bridge Street, Blackfriars.

As soon as the Preliminary Examination has been passed, it will be necessary for the Student to register at the Medical Council, 315, Oxford Street, as the commencement of the course of professional study recognised by any of the qualifying bodies will not be recognised as dating earlier than fifteen days before the time of registration.

The Preliminary Examination over, there are three ways of commencing Medical Education:—1. By attendance for one year on the practice of a Provincial Hospital or other public Institution recognised for this purpose. 2. As the pupil, for one year, of a legally qualified Surgeon, holding sufficient public appointments to afford such opportunities of practical instruction as shall be satisfactory to the authorities. 3. By entering at once at a recognised Medical School. In the two former cases it will be necessary, in order that it may be recognised by the College of Surgeons, to furnish a Certificate to the Secretary for registration at the College, from the Medical Superintendent of the Hospital or other institution to the practice of which the Student shall have entered, or from the practitioner whose pupil he shall have become. This Certificate must be accompanied by proof of having passed the necessary Preliminary Examination.

The minimum period of Medical study required is four years from the date of registration, of which time at least two years and a half must be passed at a recognised Medical School: but three years and a half are necessary to avoid entering upon the study of the practical subjects before the primary examinations have been passed. On entering for Lectures and Hospital Practice in London, it is necessary for Students to register their Cards of Admission within fifteen days from the commencement of the Session, both at the College of Surgeons and at Apothecaries' Hall.

The Examining Bodies require each Student to pass two examinations, one at the end of the second year of study, the other at the termination of the fourth year.

## MEDICAL TUTORS.

Two Tutors have been appointed to afford additional assistance and guidance to the Students in their work, and will, with the assistance of the Demonstrator of Anatomy, hold senior and junior classes for the study of the various subjects. Each Student will be required to attend three hours' tutorial instruction in each week, for which advantage he will be required to pay to the Dean a fee of two guineas at the commencement of each Winter Session, and a fee of one guinea at the commencement of each Summer Session.

Students may compound for the Tutorial Classes by payment of five guineas in one sum.

## RESIDENCE OF STUDENTS.

Parents and guardians are requested to communicate with the Dean before deciding upon the residence of Students. Some of the Lecturers take pupils to reside with them.

## OFFICERS AND LECTURERS.

- Clinical Medicine.* { Dr. Fincham.  
Dr. Sturges.  
Dr. Allchin.
- Clinical Surgery.* { Mr. Cowell.  
Mr. Davy.  
Mr. Macnamara.
- Medicine.* { Dr. Fincham.  
Dr. Sturges.
- Surgery and Practical Surgery.* { Mr. Cowell.  
Mr. Davy.
- Anatomy.*—Mr. A. Pearce Gould.  
*Demonstrator.*—Mr. E. W. Black.
- Physiology.*—Dr. Allchin.  
*Practical Physiology and Histology.*—Mr. North.  
*Chemistry and Practical Chemistry.*—Dr. Dupré, F.R.S.  
*Midwifery and Diseases of Women.*—Dr. Potter.  
*Pathology and Morbid Anatomy.*—Dr. Allchin.  
*Demonstrators.*—Mr. Murrell and Mr. Robertson.  
*Materia Medica and Therapeutics.*—Dr. Murrell.  
*Botany.*—Mr. H. W. S. Worsley-Benison, F.L.S.  
*Forensic Medicine and Hygiene.*—Mr. Bond.  
*Toxicology.*—Dr. Dupré, F.R.S.  
*Psychological Medicine.*—Dr. Sutherland.  
*Ophthalmic Surgery.*—Mr. Cowell.  
*Orthopædic Surgery.*—Mr. R. Davy.  
*Diseases of the Skin.*—Mr. Bond.  
*Aural Surgery.*—Mr. Keene.  
*Dental Surgery.*—Mr. Walker.  
*Metallurgy.*—Dr. Dupré, F.R.S.  
*Comparative Anatomy.*—Dr. Carter Blake.  
*Natural Philosophy.*—Mr. Brooke, F.R.S.  
*Dean of the School.*—Dr. Allchin.  
*Sub-Dean and Tutor.*—Mr. A. P. Gould.  
*Tutors.*—Dr. F. de Havilland Hall and E. W. Black.  
*Treasurer of the School.*—Mr. Cowell.



# S. MARY'S HOSPITAL AND MEDICAL SCHOOL, CAMBRIDGE PLACE, PADDINGTON.

This Hospital is situated in one of the most pleasant and healthy districts of London, and its Medical School has been constructed with the most careful attention to convenience, ventilation, and sanitary requirements. It comprises very complete means of preparation for the Examining Boards of the Colleges of Physicians and Surgeons, the Society of Apothecaries, the University of London, the Public Services, and, what is of still greater importance, for the exigencies of private practice. The founders of this Hospital constantly held in view the importance of making it available as a means of teaching and treatment in Special as well as General Medical and Surgical diseases. Hence it offers to the Students every variety of practice.

The Hospital contains 165 beds, 76 of which are devoted to Medical, and 89 to Surgical cases. Two wards are appropriated to the Diseases of Children, and one to those of Women; beds are also provided for Ophthalmic cases. During the year relief was afforded to 2,046 in-patients, and 16,071 out-patients and casualties.

Special instruction is provided (by separate courses) in Minor Surgery and Bandaging, Ophthalmic and Dental Surgery, Comparative Anatomy, Histological and Pathological Anatomy, and Mental Diseases. The Clinical system is carefully organized in the general wards. There are also departments for Diseases of Women and Children, of the Eye and Ear, of the Skin and Throat. The scientific teaching is mainly demonstrative. All the resident medical appointments (including the House-Surgencies) are open to the pupils without expense of any kind, and are equivalent to five Scholarships of the annual value of 50*l*. The Resident Registrarship, of the value of 100*l*. a year, with board and lodging.

## OFFICERS AND LECTURERS.

|                           |                        |                               |                             |
|---------------------------|------------------------|-------------------------------|-----------------------------|
| <i>Clinical</i>           | { Dr. Handfield Jones. | <i>Medicine.</i>              | { Dr. Broadbent.            |
| <i>Medicine.</i>          | { Dr. Sieveking.       |                               | { Dr. Cheadle.              |
|                           | { Dr. Broadbent.       | <i>Chemistry.</i>             | { Dr. C. R. A. Wright,      |
| <i>Clinical</i>           | { Mr. Haynes Walton.   |                               | { F.C.S., F.R.S.            |
| <i>Surgery.</i>           | { Mr. J. R. Lane.      | <i>Midwifery.</i>             | { Dr. Meadows.              |
|                           | { Mr. Norton.          |                               | { Dr. Wiltshire.            |
| <i>Operative Surgery.</i> | —Mr. H. W. Page.       | <i>Botany.</i>                | —Rev. Jas. M. Crombie, M.A. |
| <i>Exper. Phys.</i>       | —Dr. Shepherd.         | <i>Medical Jurisprudence.</i> | —Dr. Randall.               |
| <i>Anatomy.</i>           | —Mr. Edmund Owen.      | <i>Ophthalmic Surgery.</i>    | —Vacant.                    |
| <i>Dissections.</i>       | { Mr. J. G. Garbutt.   | <i>Aural Surgery.</i>         | —Mr. G. Field.              |
|                           | { Mr. C. D. Adam.      | <i>Diseases of the Skin.</i>  | —Dr. Cheadle.               |
| <i>Pathology.</i>         | —Dr. Shepherd.         | <i>Comp. Anat.</i>            | —Mr. St. George Mivart.     |
| <i>Dental Surgery.</i>    | —Mr. H. Hayward.       | <i>Demonstrations in</i>      | { Dr. G. C. Hen-            |
| <i>Materia Medica.</i>    | —Dr. Lees.             | <i>Morbid Anatomy.</i>        | { derson.                   |
| <i>Surgery.</i>           | { Mr. J. R. Lane.      | <i>Dean of the School.</i>    | —A. B. Shepherd.            |
|                           | { Mr. Norton.          |                               |                             |

## ROYAL FREE HOSPITAL, AND LONDON SCHOOL OF MEDICINE FOR WOMEN,

GRAY'S INN ROAD, W.C.

This Hospital was founded in 1828, in Greville Street, Hatton Garden, London, by W. Marsden, M.D.

*Patron.*—The Queen.

*Vice-Patron.*—H.R.H. the Prince of Wales.

*President.*—His Grace the Duke of Buccleuch and Queensberry, K.G., and a Council of 30 Governors.

*Trustees.*—A. E. Marsden, Esq., M.D., and others.

*Treasurer.*—E. Masterman, Esq., 27, Clements Lane, E.C.

*Chaplain.*—Rev. R. Maguire, D.D.

*Secretary.*—J. S. Blyth, Esq.

The Annual General Court is held in February, at this hospital. Foreigners, strangers, and others in sickness or disease, having neither friends nor homes, are admitted as indoor patients to wards on their own application so far as the means of the charity will permit, and out-door patients, comprising all sick and diseased persons having no other means of obtaining relief, may attend every day at 2 o'clock to receive medical and surgical advice and medicine free. The average daily number in the wards is 90; about 1200 in-patients are admitted annually, and about 28,000 out-patients receive advice and medicine.

### MEDICAL OFFICERS.

*Consulting Surgeons.*—T. H. Wakely, M.D.; A. E. Marsden, M.D.

*Physicians.*—Dr. O'Connor; Dr. Cockle.

*Assistant Physician.*—Dr. W. Allen Sturge.

*Assistant Surgeon.*—W. Harrison Cripps.

*Dentist.*—Haslar Harris.

*House Surgeon.*—R. Atkinson, F.R.C.S., B.A.

*Pathol Demonstrator.*—Dr. W. Allen Sturge.

## LONDON SCHOOL OF MEDICINE FOR WOMEN,

30, HENRIETTA STREET, BRUNSWICK SQUARE, W.C.

This Institution was founded in 1874 in association with the Royal Free Hospital, Gray's Inn Road, referred to above.

**EXAMINATION IN ARTS.**—Ladies desiring to prepare for the Medical Profession must pass one of the Examinations in Arts recognized by the General Medical Council, such an examination being compulsory before registration as a Medical Student. Candidates for entrance must be 18 years old, and the form of application for admission is supplied by the Dean. The Winter Session commences in October, and Lectures are given on Anatomy, Chemistry, Physiology, Practice of Medicine, Practice of Surgery, and a Course of Practical Anatomy with Demonstrations. Lectures on Clinical Medicine and Clinical Surgery at the Royal Free

Hospital, where daily Clinical Instruction is given to students. The Summer Session commences the first week in May. Lectures on Practical Chemistry, Pathology, Midwifery, Diseases of Women, and demonstrations on Minor Surgery and Auscultation.

Compounders' fee for the ordinary curriculum of non-Clinical Lectures is £80, if paid in one sum, or if paid in instalments, £40 for the 1st year, £30 for the 2nd year, and £15 for the 3rd year. In this fee are included two courses each of Anatomy, Practical Anatomy, Practice of Medicine and Physiology, and one course each of Chemistry, Practical Chemistry, Practical Physiology, Materia Medica, Surgery, Pathology, Midwifery, and Forensic Medicine.

Any student having paid the compounding fee is, on the further payment of £6 6s., entitled to attend at pleasure additional courses of classes to those mentioned above.

**SEPARATE CLASSES.**—The fee for separate courses of non-Clinical Lectures is £8 8s. for each subject in the Winter course, and £5 5s. for each in the Summer course.

Students not holding a perpetual ticket, and who have attended regularly, can repeat any course on payment of £2 2s. for each course. Materials for practical classes are charged according to a fixed scale. The fee for each course of twelve Lectures on Mental Pathology, Ophthalmic Surgery, and Hygiene is £2 2s.

The Hospital fee, including Annual Courses of Lectures on Clinical Medicine, on Clinical Surgery, Demonstrations on Minor Surgery, and Auscultation Tutorial Classes, £45, if paid in one sum, or if paid in instalments, £20 for 1st year and £15 for each of the 2nd and 3rd years. No student is admitted to the Hospital for less than one year. Class Examinations are held in each class in ordinary Curriculum, and attendance upon these examinations is required from all Students. Every Student is required to attend not less than two-thirds of the Lectures.

Preparation for the Medical Profession occupies at least four years, during three years of which Students must attend Lectures at the School. The fourth year should be employed in Hospital Work and in Practical Midwifery, Practical Pharmacy, and Vaccination, the fees for which are paid to the respective Institutions at which these subjects are studied. The Universities of London, the Royal University of Ireland, and Victoria University, have placed this School on the list of recognised Institutions from which certificates of medical education will be received.

Ladies not desiring to study medicine with a view to practice, may by permission of the Council attend classes on payment of the fees without passing the Examination in Arts, but will not receive certificates of attendance. Information as to residence for Students in the neighbourhood of the School will be given by the Hon. Secretary. There is one Entrance Scholarship of £30.

#### LECTURERS AT THE SCHOOL.

*Anatomy.*—Mr. Wottley, M.B., B.S.; Mr. A. Leaky.

*Physiology.*—Mr. E. A. Schafer.

*Chemistry.*—Mr. C. W. Heaton, F.C.S.

*Botany.*—Dr. P. H. Stokoe.

*Materia Medica.*—Dr. T. J. MacLagan.

*Practice of Medicine.*—Dr. H. Donkin; Mrs. Garrett Anderson, M.D.

*Midwifery and Diseases of Women.*—Dr. Ford Anderson ; Dr. Louisa Atkins, L.K.Q.C.P.I.

*Forensic Medicine.*—Dr. Dupre, F.C.S., F.R.S. ; M. T. Bond, F.R.C.S.

*Practice of Surgery.*—Mr. A. T. Norton.

*Pathology.*—D. Allan Sturge. *Comparative Anatomy.*—Dr. Murie.

*Hygiene.*—Dr. Sophia Jex-Blake, L.K.Q.C.P.I. ; Dr. Edith Pechey, L.K.Q.C.P.I.

*Mental Pathology.*—Dr. Sankey.

*Ophthalmic Surgery.*—Mr. James Adams, F.R.C.S.

#### LECTURERS AT THE ROYAL FREE HOSPITAL.

*Clinical Medicine.*—Dr. E. Buchanan Baxter ; Dr. Cockle, F.R.C.P.

*Clinical Surgery.*—Mr. Gant, F.R.C.S. ; Mr. W. Rose, F.R.C.S.

*Dean of the School.*—Mr. A. T. Norton, F.R.C.S., St. Mary's Hospital.

*Hon. Secretary.*—Mrs. Thorne. *Assistant Secretary.*—Miss Heaton.

### THE LONDON HOSPITAL AND MEDICAL COLLEGE, MILE END, E.

The establishment of this Hospital dates from the year 1740, when a few benevolent persons (the foremost of whom was Mr. John Harrison, the first Surgeon to the Charity) opened a small Infirmary in Featherstone Street. This locality was speedily changed for Prescott Street, Goodman's Fields, and the need for additional accommodation soon becoming apparent, a portion of the present building was opened in 1757. Not long afterwards the Governors were incorporated by Royal Charter. The West Wing was opened in 1831 ; the East Wing in 1842 ; the Alexandra Wing in 1866 ; and the Grocers' Company's Wing in March, 1876.

The progress of the Hospital as a house of refuge for the sick poor may be gathered from the fact that while in the first eighteen months of its existence it received only 127 in-patients and 2,188 out-patients, in 1880 a total of 6,313 in-patients and a total of 55,767 out-patients were admitted.

The position of the London Hospital in the neighbourhood of docks, factories, and workshops, renders it, probably, one of the largest Accident Hospitals in the world. During 1880 the total of accident cases was 10,964, of which 2,165 were admitted into the wards.

The daily average attendance of patients in 1880 was 550, and as many as 611 have been at one time resident in the Home.

The London Hospital contains about 800 beds, varying in appropriation according to circumstances.

It stands out prominently as one of the most active Hospitals in the capital in the onward movement of Medical Education.

The entry of the first Student took place in January, 1742, and annually from that time pupils were admitted to attend the practice of the Physicians and Surgeons. So early as 1749 Mr. Harrison obtained the permission of the House Committee to deliver a course of lectures on Surgery in the Court Room of the Hospital, and in 1755 a similar permission was granted to Mr. Thompson, another surgeon to the Institution. It is now more than a hundred years ago since Mr. Thompson performed at the Hospital the first amputation at the hip ever done in this country.

In August, 1781, Sir William Blizard (to quote a Minute of the House Committee) obtained permission to deliver two courses of lectures on Anatomy and Surgery during the next winter in the demonstrating theatre of this Hospital; at the same time, to obviate any reflections that may arise from the feelings of some persons, he engaged not to use (the remains of) any of the patients of the Hospital. Thus almost from the foundation of the Hospital Anatomical Demonstrations and Courses of Lectures had been continued, but it had now become necessary to make more comprehensive arrangements for Medical Education. Owing to the absence of practical opportunities of studying Anatomy and Surgery at the English Universities, as well as to the customs of the times, Students purposing to practise as Surgeons were virtually excluded from the benefit of University education.

The London Hospital therefore enjoys the credit of having in 1785 set the first example of a complete Medical School in connexion with a Hospital upon the model of the Medical Faculty of an University. Moreover, the printed prospectus of the London Hospital Medical College for 1792 shows that in addition to the Courses of Lectures on the usual subjects of Medical Education, a *Course of Lectures on Clinical Medicine* was at that time given in the School. Subsequently, Clinical Lectures were discontinued, but they were successfully resumed by Dr. Billing in 1823. The building at the east end of the Hospital continued in use until 1854, when the present Medical College was inaugurated.

The Medical College stands apart from the Hospital, but in the Hospital grounds. It consists of two large Lecture Theatres, three Museums, a Reading-Room, Library, and a Large Chemical Laboratory, Dissection Rooms, Rooms for the Lecturers, Curators, Students, &c. During the year 1867, the House Committee liberally expended a considerable sum in improving the Museum; but the need for additional accommodation having been for some time apparent, a proposition was made that a wing should be added to the Medical College for the purpose of providing a good Reading-Room for the Students, in addition to the Library in the Hospital; increased space for Museum specimens, which are rapidly accumulating; a gallery of illustration of Skin Diseases in Models and Drawing, and a collection of Anatomical Models and Preparations, and in 1871 and again in 1880 larger additions have been made.

There are nine Scholarships, besides Exhibitions and Prizes, which are competed for during the Winter and Summer Sessions; one of 60*l.*, one of 40*l.*, one of 35*l.*, one of 30*l.*, and six of 20*l.* each, besides prizes, &c., of the value of 10*l.* and 5*l.*

The Medical School of the London Hospital is under the direction of a College Board.

The Executive authority is committed to a Warden, who is also Secretary of the Council Board.

Special attention will be paid to the preparation of Students for their Examinations at the College of Physicians, the College of Surgeons, the Apothecaries' Hall, and the University of London.

The Educational System is comprehensive. All the Special Branches of Medicine and Surgery are separately taught, the Special Departments for Diseases of the Eye, Ear, Skin, &c., affording abundant material for observation and Clinical Instruction. The latest addition to the School Buildings is the London Hospital Club, opened in January 1882.



ADVICE TO STUDENTS.

Students who are able to do so are strongly advised to choose for their Preliminary Examination in Arts the Matriculation Examination of the University of London. They will thus have the option of proceeding subsequently to the Medical Degrees and Honours of the University, which are generally admitted to be of a superior character.

TABLE OF FEES.

|                                                                                                                                                                                                                                |     |     |     |     |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|--------------|
| General fee for Lectures and Hospital Practice, and two years' Practical Anatomy, payable in three instalments of 45, 40, and 15 guineas, at the commencement of the 1st, 2nd, and 3rd years respectively...                   | ... | ... | ... | ... | 100 Guineas. |
| Or if in one payment                                                                                                                                                                                                           | ... | ... | ... | ... | 90 "         |
| Composition Fee for Students entering at or before the beginning of their Second Winter Session, their first year having been spent at a recognised Medical College elsewhere, payable in two instalments of 45 and 30 guineas | ... | ... | ... | ... | 75 Guineas.  |
| Or if in one payment                                                                                                                                                                                                           | ... | ... | ... | ... | 70 "         |
| General Fee for Lectures alone                                                                                                                                                                                                 | ... | ... | ... | ... | 50 "         |
| General Fee for Hospital Practice alone                                                                                                                                                                                        | ... | ... | ... | ... | 50 "         |
| Dental Students (General Hospital Practice and Lectures)                                                                                                                                                                       | ... | ... | ... | ... | 40 "         |
| General Fee for Dental Practice                                                                                                                                                                                                | ... | ... | ... | ... | 10 "         |

*Note.*—The General Fee covers four years, and the Composition Fee three years from the date of entry.

EXTRA FEES.

|                                           |     |     |     |            |
|-------------------------------------------|-----|-----|-----|------------|
| Practical Chemistry (for Apparatus, &c.)  | ... | ... | ... | 2 Guineas. |
| Subscription to the Library (compulsory)  | ... | ... | ... | 1 "        |
| Fee for Instruction in Practical Pharmacy | ... | ... | ... | 4 "        |
| Practical Physiology (for Apparatus, &c.) | ... | ... | ... | 1 "        |

Those referred at the Primary Examination must enter to extra-Practical Anatomy, and pay an extra fee of two guineas, and Students requiring an extra course of Practical Physiology must also pay an extra fee of two guineas.

*Note.*—To those who have paid the General Fee all Lectures and Hospital Practice are free.

Special entries can be made either to Lectures or to Hospital Practice according to the following table :—

LECTURE FEES.

|                        |             | £ | s. |           | £  | s. |
|------------------------|-------------|---|----|-----------|----|----|
| Medicine ... ..        | One Session | 5 | 5  | Unlimited | 6  | 6  |
| Surgery ... ..         | "           | 5 | 5  | "         | 6  | 6  |
| Anatomy ... ..         | "           | 5 | 5  | "         | 8  | 8  |
| Practical Anatomy      | "           | 5 | 5  | "         | 8  | 8  |
| Midwifery ... ..       | "           | 4 | 4  | "         | 6  | 6  |
| Physiology ... ..      | "           | 4 | 4  | "         | 6  | 6  |
| Chemistry ... ..       | "           | 7 | 7  | "         | 10 | 10 |
| Forensic Medicine      | "           | 3 | 3  | "         | 4  | 4  |
| Materia Medica ...     | "           | 3 | 3  | "         | 4  | 4  |
| Botany ... ..          | "           | 3 | 3  | "         | 4  | 4  |
| Comparative Anatomy... | "           | 3 | 3  | "         | 4  | 4  |
| Pathological Anatomy   | One Course  | 3 | 3  |           |    |    |
| Practical Surgery      | One Course  | 6 | 6  |           |    |    |

LECTURE FEES—*continued.*

|                        |     |             | £ | s. |    | £ | s. |
|------------------------|-----|-------------|---|----|----|---|----|
| Practical Histology    | ... | One Session | 3 | 3  | ,, | 4 | 4  |
| Practical Chemistry    | ... | "           | 5 | 5  |    |   |    |
| Dental Surgery         | ... | "           | 2 | 2  |    |   |    |
| Diseases of the Throat | ... | "           | 2 | 2  | ,, | 3 | 3  |
| Diseases of the Eye    | ... | "           | 2 | 2  | ,, | 3 | 3  |
| Diseases of the Ear    | ... | "           | 2 | 2  | ,, | 3 | 3  |

FEES FOR HOSPITAL PRACTICE.

MEDICAL PRACTICE.

|                                                      |     |             |
|------------------------------------------------------|-----|-------------|
| For 6 months, including 3 months' Clinical Clerkship | ... | 10 Guineas. |
| For 12 " " 6 " "                                     | ... | 15 "        |
| Unlimited, including 6 " "                           | ... | 25 "        |

SURGICAL PRACTICE AND DRESSING.

|                                               |     |             |
|-----------------------------------------------|-----|-------------|
| For 6 months, including 3 months' Dressership | ... | 10 Guineas. |
| For 12 " " 6 " "                              | ... | 15 "        |
| For 18 " " 9 " "                              | ... | 20 "        |
| For Unlimited, including 9 " "                | ... | 25 "        |

OBSTETRIC PRACTICE.

|                                                    |     |            |
|----------------------------------------------------|-----|------------|
| Maternity Department, 1 year                       | ... | 4 Guineas. |
| Maternity Department, including Midwifery Lectures | ... | 6 "        |

DENTAL PRACTICE.

|                             |     |             |
|-----------------------------|-----|-------------|
| General Fee for Practice... | ... | 10 Guineas. |
|-----------------------------|-----|-------------|

OFFICERS AND LECTURERS.

*Medicine.*—Stephen Mackenzie, M.D.

*Surgery.*—J. E. Adams, F.R.C.S.

*Descriptive and Surgical Anatomy.*—Walter Rivington, M.S., Lond.

*Practical Anatomy.*—F. Treves, F.R.C.S.

*Chemistry.*—C. Meymott Tidy, M.B.

*Practical Chemistry.*—C. Meymott Tidy, M.B.

*Physiology and General Anatomy.*—J. McCarthy, M.B., Lond., F.R.C.S., Eng.

*Practical Histology and use of the Microscope.*—J. McCarthy, M.B., Lond., F.R.C.S., Eng.

*Comparative Anatomy.*—C. W. Mansell-Moullin, M.D. Oxon, F.R.C.S. Eng.

*Anatomy and Path. of the Teeth.*—A. W. Barrett, M.B., Lond., M.R.C.S., Eng.

*Midwifery and Diseases of Women.*—James Palfrey, M.D.

*Ophthalmic Surgery.*—John Couper, F.R.C.S., Eng.

*Aural Surgery.*—A. Gardiner Brown, F.R.C.S., Ed.

*Forensic Medicine* { 1. *Toxicology.*—J. E. D. Rodgers, M.R.C.S., Eng.  
2. *Medical Jurisprudence and Public Health.* } C. Meymott Tidy, M.B.

*Materia Medica and General Therapeutics.*—M. Prosser James, M.D.

*Botany.*—Francis Warner, M.D.

*Practical Surgery.*—H. A. Reeves, F.R.C.S.

*Operative Surgery.*—J. E. Adams, F.R.C.S.

*Pathology and Demonst. of Morbid Anatomy.*—H. G. Sutton, M.B., Lond.

*Diseases of the Throat, and Use of the Laryngoscope.*—Morell Mackenzie, M.D., Lond.

*Warden.*—Munro Scott.

## S. GEORGE'S HOSPITAL MEDICAL SCHOOL, GROSVENOR PLACE, LONDON, W.,

Provides every facility for the education of Students, and for their preparation for the various Examining Boards.

In addition to the ordinary curriculum, separate courses of Lectures and Demonstrations are given on Ophthalmic, Aural, and Dental Surgery, Psychological Medicine, Diseases of the Skin, Diseases of the Throat, and on Orthopædic Surgery, by members of the staff who devote their attention to these branches of practice.

A course of Lectures on Comparative Anatomy is also given to meet the requirements of the Universities, and the Fellowship Examination at the College of Surgeons.

The Hospital contains 351 beds, of which 205 are devoted to the reception of Surgical, and 146 to Medical Cases.

Wards are especially set apart for the reception of cases of Diseases of the Eye, and Diseases peculiar to Women. In all the women's wards cribs are placed for the reception of children.

All the Medical Appointments, including those of House Physician, House Surgeon, Clinical Clerks and Dressers, are open to the Pupils of the Hospital, without additional fee or expense of any kind. These Offices are awarded after Examination.

The following paid Offices are awarded yearly upon the recommendation of the Medical School Committee—viz., Obstetric Assistant, with a salary of 100*l.* and board and residence; Curator of the Museum, Medical Registrar, Surgical Registrar, and Demonstrator of Anatomy, with a salary of 50*l.* each.

A Library, Reading, Newspaper, and Dining Rooms are included in the School Buildings, and Students can there obtain all their meals at fixed and moderate charges.

### INFORMATION AS TO THE COURSE OF STUDY NECESSARY FOR ENTERING THE MEDICAL PROFESSION.

All gentlemen who intend to obtain the Licence of the Royal College of Physicians of London, the Diploma of the Royal College of Surgeons of England, or the Licence of the Society of Apothecaries, before commencing their attendance upon Hospital practice or lectures, must either possess a certificate in Arts granted by one of the bodies whose certificates are recognised by the General Medical Council, or else must undergo a Preliminary Examination in Arts at the Society of Apothecaries.

The dates of the Examinations in Arts, together with the subjects of Examination at the Society of Apothecaries, may be had by applying to the Beadle in Bridge Street, Blackfriars.

All Students who have passed their Preliminary Examination in Arts, or have obtained a certificate from one of the recognised bodies, must, after entering the School, register their names at the office of the Medical Council, 299, Oxford Street, together with the name of the Medical School they have joined.

Forms for Registration may be obtained from the Dean, or by personal application at 299, Oxford Street.

After this registration a Student may at once commence his course of

professional education. His studies will have to be pursued for four years from that date before he can present himself for final Examination and obtain his licence to practice.

The period during which he must attend the Medical and Surgical Practice of some recognised Hospital, and the courses of Lectures, attendance upon which is required, vary according to the licences or diplomas for which he is a candidate; but this information can at once be obtained by inquiry of the Dean of the School, or any of the Hospital authorities.

All Students are strongly advised to use every effort to obtain the junior appointments offered them, and especially those of House Physician and House Surgeon. These appointments are now open to every Perpetual Student of the Hospital *without* payment, and being held for *twelve months* offer an opportunity for obtaining practical professional knowledge, the value of which it is impossible to estimate too highly.

### FEES FOR LECTURES AND HOSPITAL PRACTICE.

Perpetual Pupils' Fee, 130*l.*; payable in the following instalments, viz.:

First year, 45*l.*; second year, 45*l.*; third year, 40*l.*; provided that previously to this last payment the conduct and progress of the student has been satisfactory to the Medical School Committee. Or, one payment of 125*l.* at entrance.

Gentlemen who have commenced their Professional Education at any of the English Universities, and have there completed a year, or two Sessions of their studies and Hospital practice, will be allowed a reduction of 40*l.* from their fee as Perpetual Pupils. Others will be admitted to the same privileges on payment of a reduced fee calculated on the proportion of Lectures and Hospital practice from which they can claim exemption by producing certificates which will be accepted by the Licensing Bodies.

The extra charges not included in the above Fees are:—

|                                                                             | £ | s. | d. |
|-----------------------------------------------------------------------------|---|----|----|
| Practical Pharmacy . . . . .                                                | 3 | 3  | 0  |
| Practical Chemistry (if not previously attended) . . . . .                  | 4 | 4  | 0  |
| Subjects for Dissection (each course, two courses are compulsory) . . . . . | 3 | 3  | 0  |
| Operative Surgery . . . . .                                                 | 2 | 2  | 0  |
| Subscription to Library per annum . . . . .                                 | 0 | 10 | 6  |
| Comparative Anatomy (not compulsory) . . . . .                              | 4 | 4  | 0  |

Fees for the Courses required by the examining Boards:—First year, 45*l.*; second year, 45*l.*; third year, 20*l.*; and each subsequent year, 15*l.* These payments do not confer the privileges of Perpetual Pupils.

Fee for General Subjects required for the Diploma in Dental Surgery, including Practical Chemistry, 55*l.*; payable in two instalments; First year, 30*l.*; Second year, 25*l.*

No fee is charged for the appointments of House Physicians, House Surgeons, Surgeons' Dressers, and Clinical Clerks to the Physicians and Surgeons.

### EXHIBITIONS AND PRIZES.

The William Brown Exhibition. 100*l.* per annum, tenable for Two Years.

The William Brown Exhibition. 40*l.* per annum, tenable for Three Years.

The Brackenbury Prize in Medicine. Value 32*l.* 5*s.* 11½*d.*

The Brackenbury Prize in Surgery. Value 32*l.* 5*s.* 11½*d.*

The Treasurer's Prize. Value 10*l.* 10*s.*

The Thompson Medal. Value 4*l.* 11*s.* 6*d.*

The Examination for these Prizes will be held in May.

Sir Benjamin Brodie's Clinical Prize in Surgery. Value 6*l.*

The Acland Clinical Prize in Medicine. Value 5*l.*

The Henry Charles Johnson Memorial Prize in Anatomy. Value 10*l.* 10*s.*

The Pollock Prize in Physiology. Value 18*l.* 12*s.* 6*d.*

Sir Charles Clarke's Prize for Good Conduct. Value 6*l.* 5*s.* 9*d.*

#### GENERAL PROFICIENCY PRIZES.

At the close of the Summer Session a General Examination of all the Pupils will be held, when a Certificate of Proficiency will be given to each one who passes to the satisfaction of the Examiners, and the following Prizes awarded to the most distinguished, viz. :—

To Pupils in their First Year. 10*l.* 10*s.*; to Pupils in their Second Year, 10*l.* 10*s.*; to Pupils in their Third Year, 10*l.* 10*s.*

The Winter Course of Instruction commences in October.

#### MEDICAL OFFICERS.

*Consulting Physicians.*—Dr. Wilson ; Dr. Pitman ; Dr. Ogle ; Dr. Barclay.

*Physicians.*—Dr. Wadham ; Dr. Dickinson ; Dr. Whipham ; Dr. Cavafy.

*Assistant Physicians.*—Dr. Watney ; Dr. Ewart.

*Obstetric Physician.*—Dr. Barnes.

*Assistant Obstetric Physician.*—Dr. Champneys.

*Consulting Surgeons.*—Mr. Cæsar Hawkins, F.R.S. ; Mr. Prescott Hewett,

F.R.S. ; Mr. H. Lee ; Mr. Pollock.

*Surgeons.*—Mr. Holmes ; Mr. Rouse ; Mr. Pick ; Mr. Haward.

*Assistant Surgeons.*—Mr. W. H. Bennett ; Mr. Dent.

*Ophthalmic Surgeon.*—Mr. Brudenell Carter.

*Assistant Ophthalmic Surgeon.*—Mr. Frost.

*Aural Surgeon.*—Mr. Dalby.

*Dental Surgeon.*—Mr. Augustus Winterbottom.

*Resident Medical Officer.*—F. J. Marshall, M.D.

*Secretary.*—C. L. Todd, Esq.

### ROYAL VETERINARY COLLEGE, GREAT COLLEGE STREET, CAMDEN TOWN, N.W.

*Patron.*

Her Majesty the Queen.

*President.*

Field-Marshal His Royal Highness the Duke of Cambridge, K.G., &c., with 10 Vice-Presidents, 3 Trustees, and 50 Governors and Members of the Council.

This College was founded in 1791, and was incorporated in 1875. It is situate in Great College Street, Camden Town, London.

The Scholastic Department of this Institution has been greatly increased,



a Pharmaceutical Laboratory, Professors' Dissecting Room, Students' Reading Room, and Class Rooms specially arranged for Histological investigations, the study of Morbid Anatomy and Pathology, having been added to the former buildings.

The Infirmary has also been almost entirely rebuilt. It now contains ample accommodation for upwards of 100 Horses, besides Cattle, Sheep, Dogs, and other animals. It is fitted up with large and airy Loose-boxes and Stalls; Hot, Cold, Douche, and Vapour Baths; Operating Rooms, Covered Exercising Ground, Reception Yard for out-patients, &c. Three of the new rooms are specially set apart as an Infirmary for Dogs.

The Infirmary and General Practice of the College is conducted by Professors Robertson and Axe, assisted by Mr. Pemberthy.

An Assisting Hospital Surgeon and Dispenser—selected from among the pupils of the Institution who have recently obtained the Diploma of the Royal College of Veterinary Surgeons, and who as Students had distinguished themselves by their uniform good conduct or as prizemen—is appointed from time to time to act under the Principal or other Professor.

Monitors, Clinical Clerks, and Dressers, are periodically selected from among the Students.

1. Candidates for admission as Students will be admitted, *without a Matriculation Examination*, on the production of a Certificate of having passed within the last four years *one* of the following Examinations:—

- (a) An Examination for Matriculation or any higher Examination at a University in the United Kingdom, or at a Colonial or Foreign University recognized by the Governing Body of the College.
- (b) An Examination recognized by the General Medical Council as exempting Candidates from the Preliminary Literary Examinations of the various Medical Corporations.
- (c) An Examination for Matriculation at any Veterinary College or School affiliated with the Royal College of Veterinary Surgeons, or with any Foreign or Colonial School recognized or to be recognized by the Governing Body of the Royal Veterinary College.
- (d) An Examination held by the Pharmaceutical Society of Great Britain.
- (e) An Examination held by the Committee of Council on Education for Government Certificates.
- (f) One of the "Local Examinations" held by the Universities of Great Britain and Ireland.
- (g) One of the Examinations for Certificates held by the College of Preceptors.

### PASS SUBJECTS.

Reading, Dictation, Arithmetic, English Grammar, and either French or Latin.

### VOLUNTARY SUBJECTS.

Besides the Pass Subjects, any Candidate for admission may elect to be examined in any one or more, up to three, of the following Voluntary Subjects, viz.—(1) Euclid, Books I. and II.; (2) Algebra to Quadratic Equations inclusive; (3) English History; (4) Geography; (5) Natural History—Botany, Geology, and Zoology; (6) Physiology; (7) Chemistry; (8) Physics; (9) the Latin, Greek, French, German, or Italian languages.

Scholarships and Exhibitions are awarded to Candidates who distinguish themselves in the Matriculation Examination.

The Educational or Entrance Fee is fixed at thirty-six guineas, and the Matriculation Examination Fee at one guinea. All Candidates must pay the fees prior to their Matriculation Examination, or to being admitted Students by Certificate.

The Academical Year dates from October, and is divided into *three Terms*, viz. *two* Winter Terms and *one* Summer Term. The *First* Winter Term commences on October 1st and ends at Christmas. The *Second* Winter Term commences January 1st and ends March 31st. The Summer Term commences on May 1st and ends on June 30th.

There are several Scholarships, Exhibitions, and Prizes awarded.

#### EDUCATIONAL STAFF.

*Principal of the College and Professor of Hippo Pathology and Surgery.*—W. Robertson, F.R.C.V.S.

*Professor of Chemistry.*—R. V. Tuson, F.I.C. of F.C.S.

*Professor of Cattle Pathology.*—G. T. Brown, M.R.C.V.S.

*Professor of Physiology.*—H. Power, F.R.C.S.

*Professor of Botany and Helminthology.*—T. S. Cobbold, M.D., F.R.S.

*Professor of Histology and Morbid Anatomy.*—J. W. Axe, M.R.C.V.S.

*Lecturer on Anatomy.*—E. S. Shave, M.R.C.V.S.

*Demonstrator of Anatomy.*—T. Pottinger, M.R.C.V.S.

*Hospital Surgeon.*—J. Penberthy, M.R.C.V.S.

*Secretary.*—Richard A. N. Powys, Esq.

## THE QUEEN'S COLLEGE,

### BIRMINGHAM.

#### FACULTY OF MEDICINE.

This College was founded in 1828, and incorporated by special Act of Parliament in 1867.

Students may enter—(1.) for their entire Medical Education; (2.) for one or more courses of Lectures; (3.) to prepare for the Preliminary Scientific and other similar Examinations; (4) the Junior Department to prepare for the Preliminary Examination required by the Licensing Boards before entry into the Medical Department. Each Student on entering will be required to subscribe a declaration that he will conform to the regulations of the College.

The University of London holds two Annual Matriculation Examinations within the walls of the College, in the months of January and June, for Students residing in Birmingham or the neighbourhood. The Local Fee for these is 2*l*.

The Academical Year consists of two Sessions, viz., the Winter Session, from October 1 to March 31, and the Summer Session, from May 1 to July 31.

Connected with the College are Museums of Anatomy and Pathology, under the superintendence of a Curator, and a Library containing upwards of 2,000 volumes, which are open to the Students free of charge.

The Demonstrators of Anatomy and the Medical Tutor attend daily in the Dissecting Room to assist the Students.

The Medical Tutor holds Classes for Junior Students throughout the Winter and Summer Sessions.

### SCHOLARSHIPS AND PRIZES.

THE SANDS COX PRIZE is a Prize of the value of 20*l*. This Prize is open to Students who have completed their curriculum, and is awarded after Examination in Medicine, Surgery, and Midwifery.

THE WARDEN'S PRIZE, of the value of 3*l*. 3*s*., is offered by the Rev. W. H. POULTON to the most proficient Student of the first year.

INGLEBY SCHOLARSHIPS.—Two Ingleby Scholarships. These Scholarships are open to Students who have completed the first two years of their curriculum.

CLASS PRIZES.—Medals and Certificates of Honour are awarded annually in each class after examination.

UNIVERSITY SCHOLARSHIPS, ETC.—Students of Queen's College are qualified to compete for all Scholarships, Gold Medals, and other Prizes offered by the University of London, the Royal College of Surgeons, and the Apothecaries' Society.

### COLLEGE FEES.

A Composition Fee of Fifty Guineas is received, which affords to the Student courses of Lectures for the University of London, Royal College of Physicians, Royal College of Surgeons, and Apothecaries' Society. Should any Student fail to attend any course with sufficient regularity, he will have to attend again, and, unless from illness or other cause deemed satisfactory by the Professors, to pay the fee for that course beyond what he has already paid as Composition. This Composition fee may be paid half at the beginning of the first year, and the other half at the commencement of second year.

Anatomy, Physiology, Medicine including Pathology, Surgery including Pathology : 5*l*. 5*s*. for each course.—Demonstrations and Dissections, Chemistry, Midwifery : 4*l*. 4*s*. for each course.—Materia Medica, Medical Jurisprudence, Botany, Practical Chemistry : 3*l*. 3*s*. for each course.

The following courses are not included in the Composition Fee :—

Ophthalmic Medicine and Surgery, Dental Surgery, Comparative Anatomy : 3*l*. 3*s*. for each course.

### PRELIMINARY SCIENTIFIC, B.Sc., AND OTHER EXAMINATIONS. FEES.

Chemistry and Natural Philosophy, Botany, Structural. Physiological, and Systematic, Zoology and Comparative Anatomy, Mechanical Philosophy : 10*l*. 1*s*. for the four courses, payable on entry. For each Class singly, 3*l*. 3*s*. ditto.

Every Student on entrance will have to deposit 2*l*. as "Caution Money," which will be returned, less such deductions as may be ordered by the Warden, when the Student has passed his final examination at one of the examining boards. He will also have to pay a Fee of 1*l*. 1*s*. to the Library Fund. All Fees are to be paid to the Warden, and no Student will be registered unless he produce the Warden's receipt.

The above refers exclusively to the College Fees.

## HOSPITAL FEES.

Fees for attendance for 4 years (the period required by the University of London and the Colleges of Physicians and Surgeons, etc.) on the Medical and Surgical Practice and on the Clinical Lectures at both Hospitals, 3*l*. 10*s*.

N.B.—This payment may be made in two equal sums, the first on entrance, the second at the commencement of the second year.

One year's attendance: 15*l*. 15*s*. Six months' attendance: 10*l*. 10*s*. Special Department for Midwifery and Diseases of Women (optional): 2*l*. 2*s*. Dental fee (optional): 1*l*. 1*s*.

Warden of Theology.—The Rev. W. H. Poulton, M.A.

With a large staff of Professors and Lecturers.

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## ROYAL SCHOOL OF MEDICINE, MANCHESTER.

Instruction by Clinical and other Lectures and preparation for the Examinations and Diploma of the Royal College of Surgeons, London, etc.

*Vice-Registrar.*—I. Stone.

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## MEDICAL SCHOOL, BRISTOL.

*In Association with the University College, Bristol (Old Park).*

The Medical School will henceforth be conducted as a Department of the newly established University College, Bristol, and commodious buildings are about to be erected for the College in Tyndall's Park. Until these are completed, the Medical School will continue to occupy the premises in the Old Park.

Certificates of attendance upon the Lectures of this School, and on the Practice of the Royal Infirmary and General Hospital, are received by the University of London, the Royal College of Physicians, the Royal College of Surgeons of England, the Apothecaries' Society, the East India Medical Board, and the Army and Navy Boards.

By order of the Medical Council, all Students are required to have passed an examination in General Literature before the commencement of registered attendance on Lectures and Hospital Practice.

## FEES.

An Entrance Fee of Five Guineas to the Infirmary, and Subscription of One Guinea per annum to the Library.

|                                    | For One Year. | For Two Years.<br>(At one payment.) | For Three Years.<br>(At one Payment.)                       |
|------------------------------------|---------------|-------------------------------------|-------------------------------------------------------------|
| Surgeon's Pupil ...                | 12 Guineas    | 20 Guineas                          | 25 Guineas                                                  |
| Dresser (extra fee)                | 12 „          | 20 „                                | 25 „                                                        |
| Physician's Pupil:—for six months, | 8 <i>l</i> .  | for one year, 15 <i>l</i> .         | for eighteen months, 20 <i>l</i> ; perpetual, 25 <i>l</i> . |

The Fee for apprenticeship to the House Surgeon is 315*l.*, which includes five years' residence in the Infirmary and all attendance on Hospital Practice required by the various examining bodies, excepting Dressers' Fees. House Pupils may also enter for a shorter period, at the rate of Fifty Guineas per annum to the Infirmary, with a fee of Fifty Guineas to the House Surgeon.

This Hospital was founded in 1832, and is situated in a populous district near the Docks. The fee for unlimited attendance on all the courses (except Practical Chemistry) is forty-five guineas. Medical and Surgical Hospital Practice and Clinical Lectures are attended at the Royal Infirmary, or at the General Hospital, at which institutions various Prizes and Scholarships are annually offered for competition among the Students. Competitive Examinations are held amongst Students of the first, second, and third years respectively; and Prizes are annually awarded, amounting in aggregate value to about 40*l.*

*Honorary Secretary.*—E. Markham Skerrett, M.D., London.

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## KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND,

KILDARE STREET, DUBLIN.

This College was incorporated by Charter of King Charles II., 1667, and re-incorporated in 1692.

*President.*—W. Moore.

*Vice-President.*—M. R. Cruise.

*Registrar.*—J. W. Moore.

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## ROYAL COLLEGE OF SURGEONS IN IRELAND, ST. STEPHEN'S GREEN, DUBLIN.

This College was founded 100 years ago. It was originally started in a modest building in one of the back streets in Dublin; gaining reputation and funds by the high standard of its examinations, and by the prudent administration of its income. It eventually moved to its present site, where a college has been erected which is one of the handsomest buildings in Dublin; and within the past 18 months the college has actually expended out of its reserve 10,000*l.* in still further extending its library (now the largest medical library in the United Kingdom) and its museums. Regulated very similarly to that in London, but possesses a School of Surgery, where Lectures are given upon all the subjects of professional study, and practical instruction is provided in Operative Surgery. The Summer Session commences in April, and the Winter Session in October.

The Fee for each Course of Lectures is Three Guineas, excepting Descriptive Anatomy, which is Eight Guineas, Practical Chemistry, which



is Five Guineas, and Ophthalmic and Aural Surgery and Hygiene, which are free.

A Composition Fee of 5*l.* 17*s.* 6*d.* is taken as payment in full for all Lectures and Dissections required for the Diploma in Surgery.

A Junior Exhibition of 15*l.*, a Senior Exhibition of 25*l.*, and Honorary Certificates will be awarded at the end of each Winter Session.

#### OFFICERS OF THE COLLEGE.

*President.*—J. K. Barton, M.D.

*Vice-President.*—W. J. Wheeler, M.D.

*Secretary.*—W. Colles, M.D.

*Registrar.*—John Brennen.

### SCHOOL OF SURGERY,

DUBLIN.

Under the direction of the Council of the Royal College of Surgeons in Ireland. Eleven Professors attend this Institution, and the Annual Course of Lectures commence the first Monday in November, and terminate in the last week of April.

*Registrar.*—J. Bremen, Esq.

### SCHOOL OF PHYSIC IN IRELAND,

DUBLIN.

"The School of Physic in Ireland" is a Medical School, formed by an amalgamation of the Schools of Trinity College and of the College of Physicians.

It is constituted by the Statute of 40th Geo. III., cap. 84; and the Statute of 30th Vict., cap. 9.

The School is governed jointly by the Provost and Senior Fellows of Trinity College, and by the President and Fellows of the College of Physicians.

The departments of Medicine and of Surgery are presided over by the Regius Professor of Physic, and the Regius Professor of Surgery, respectively, to whom is committed the charge of the conduct of the Examinations in Medicine and Surgery.

All the Lectures (the Clinical Lectures excepted) are delivered in the Medical Lecture Rooms of Trinity College. 12 Professors.

*Medical Registrar.*—H. W. Mackintosh, M.A.

THE PHARMACEUTICAL SOCIETY OF IRELAND,  
DUBLIN.

EXAMINERS.

*English, Latin, and Arithmetic.*—J. W. Moore, A.B., M.D.

*Chemistry.*—E. W. Davy, A.M., M.D.

*Materia Medica and Botany.*—W. G. Smith, M.D.

*Pharmacy.*—R. W. Harley, L.A.H., etc.

*Registrar.*—H. J. Fennell, College of Physicians, Kildare St., Dublin.

APOTHECARIES' HALL, IRELAND,  
MARY STREET, DUBLIN.

Incorporated in 1791.

*Governor.*—Thomas Collins, M.R.C.S.

*Manager.*—Mr. W. Webb.

LEDWICH THEATRE OF ANATOMY AND  
SCHOOLS OF MEDICINE AND SURGERY,  
PETER STREET, DUBLIN.

This School was established by J. Kirby, Esq., in 1810. Fifteen Lecturers attend.

*Secretary.*—Mr. Ledwich, 7, Harcourt Street.

CARMICHAEL SCHOOL OF MEDICINE,  
DUBLIN.

Lectures and opportunities of study at Hospitals are provided, qualifying for Medical and Surgical Diploma. The fee for the complete course of Lectures required by the Royal College of Surgeons, London, is 41 guineas; that for the College of Surgeons for Ireland, 60 guineas. Premiums bestowed to the value of 60*l.* and a Scholarship of 15*l.* at the end of each Session.

*Secretary.*—A. H. Corley, M.D.

## THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, AND THE ROYAL COLLEGE OF SURGEONS OF EDINBURGH.

These Colleges, while they still continue to give their Diplomas separately, under separate regulations, have made arrangements by which, after one series of Examinations, the Student may obtain the Diplomas of both Colleges.

The general principle of this Joint Examination is, that it shall be conducted by a Board, in which each Body is represented in those branches which are common to both Medicine and Surgery; but that the College of Physicians shall take exclusive charge of the Examination in Medicine, and the College of Surgeons of the Examination in Surgery.

The object of the Joint Examination is to give to Students facilities for obtaining from two separate Bodies, and at less expense, a Qualification in Medicine and a Qualification in Surgery. Students passing that Examination successfully will be enabled to register two Qualifications under the Medical Act,—Licentiate of the Royal College of Physicians of Edinburgh, and Licentiate of the Royal College of Surgeons of Edinburgh.

The arrangement for thus conferring a Double Qualification by the co-operation of the two Colleges is in conformity with Section XIX. of the Medical Act, and received the special sanction of the General Council of Medical Education and Registration, at a meeting held on the 7th of August, 1859.

The attention of Medical Students is particularly directed to the fact, that it is required by the regulations issued by the General Medical Council, that after 16th September, 1866, every Medical Student shall have passed the complete Examination in General Education *before* he can be placed on the Register of Medical Students established by the Council; and that no one can be admitted to his final examination, or can be placed on the Register of Medical Practitioners in virtue of any qualification in Medicine or Surgery, until a period of four years has elapsed from the date of his registration as a Medical Student.

### REGULATIONS.

Every Candidate must have followed his course of study in a *University*; or in an *Established School of Medicine*; or in a *Provincial School* specially recognized by the Colleges of Physicians and Surgeons of that division of the United Kingdom in which it is situate.

All Students who intend becoming Candidates for the Diplomas of the Colleges must have passed the complete Examination in General Education, and have had their names inscribed in the Register of Medical Students instituted by the General Medical Council,—at the commencement of their professional studies.

The subjects of the Preliminary Examination in General Education shall be as follows, namely :—

1. English Language, including Grammar and Composition.
2. Arithmetic, including Vulgar and Decimal Fractions.
3. Algebra, including Simple Equations.
4. Geometry.—First two Books of Euclid.
5. Latin; Horatii Carmina, Book I., Sallustii Jugurtha.
6. One of the following

subjects at the option of the Candidate :—(1) Greek. (2) French. (3) German. (4) Natural Philosophy, including Mechanics, Hydrostatics, and Pneumatics.

*N.B.*—In Latin, Greek, French, and German, parsing the words from the passages given to be translated will be required ; also, translation of short sentences from English into the respective languages.

Prospectuses containing more specific information as to the subjects of examination in general education may be had on application to the officer of either College.

### PROFESSIONAL EXAMINATIONS.

Candidates for the Double Qualification shall be subjected to two Professional Examinations, to be conducted at separate times, partly in writing and partly orally.

The First Examination shall embrace *Anatomy, Physiology, and Chemistry* ; and shall take place not sooner than the end of the second Winter Session.

The Second Examination shall embrace *Medicine, Surgery, and Surgical Anatomy, Midwifery, Pathological Anatomy, Materia Medica and Pharmacy, and Medical Jurisprudence* ; and shall not take place before the termination of the Winter Session of the last year of study. In the case of Candidates who began their course of study after 16th September, 1866, it will not take place till four years after the Examination on General Education.

## EDINBURGH ROYAL COLLEGE OF PHYSICIANS.

Licences and diplomas after examination are conferred upon Candidates who have completed 21 years of age, who produce evidence of their having been engaged in the study of Medicine during at least four years, and of their having attended courses of lectures and a two years' practice at a public hospital containing no fewer than 80 beds. There are three examinations—one in Literature and Science, and two in Professional subjects. No Candidate will be admitted to the first Professional Examination until he has completed two, or to the second until he has completed four years of professional study. Candidates for the Licence of the College, who already possess a qualification from a recognised Licensing Body, or who have passed the first Professional Examination before a Qualifying Body (provided it be as extensive as that required by this College), will be at once admitted to the second part of the Examination. Meetings for the examination of Candidates who already possess a qualification from a recognised Licensing Body will be held on the first Wednesday of every month (with the exception of September and October), and, if necessary, on the following days. Candidates are required to communicate with the Secretary to the College not less than eight days before the date of the Examination at which they propose to appear. The fee payable on the granting a Licentiate'ship is 15 guineas.

*Hon. Secretary and Treasurer*.—Joseph Bell, F.R.C.S., 20, Melville Street, Edinburgh.

## ROYAL COLLEGE OF SURGEONS OF EDINBURGH, 1805.

*President.*—Henry Duncan Littlejohn, M.D.*Treasurer.*—John Gairdiner, M.D.*Librarian.*—David Wilson, M.D.*Secretary.*—Robert Omond, M.D.

## EDINBURGH MEDICAL SCHOOL.

This School of Medicine was founded in 1505, and the Courses of Lectures qualify for the Royal Colleges of Physicians and Surgeons of Edinburgh, London, and Dublin, and the other Medical and Public Boards, the University of Edinburgh and other Universities. The minimum cost of the education in this school for the double qualification of Physician and Surgeon from the Royal Colleges of Physicians and Surgeons, including the fees for the joint-examination, is 95*l.*, which is payable by yearly instalments during the period of study ; whilst the minimum cost for the single qualification of either Physician or Surgeon, including fee for Examination, is 80*l.*

*Secretary.*—Stevenson Macadam, M.D., Surgeons' Hall, Edinburgh.FACULTY OF PHYSICIANS AND SURGEONS OF  
GLASGOW,

VINCENT ST., GLASGOW.

## I. THE DIPLOMA OF THE FACULTY.

Candidates for the licence must have been engaged in professional study during four years from the date of registration, and in actual attendance at a University or School of Medicine recognised by the Faculty, during not less than four Winter Sessions, or three Winter and two Summer Sessions, and must have completed the following curriculum, viz. : Anatomy, two six months' courses ; Practical Anatomy, twelve months ; Chemistry, Physiology, Medicine, Surgery, Clinical Medicine, and Clinical Surgery, each one course of six months. Another six months' course of Surgery, or Clinical Surgery, at the option of the Candidate ; Practical Chemistry, Medical Jurisprudence, Midwifery, and Materia Medica, each one course of three months ; instruction in Pathological Anatomy and Practical Pharmacy, each three months ; Hospital Practice, twenty-four months. The Candidate must also produce certificates of proficiency in Vaccination, and of having attended at least six cases of Labour.

The first Examination embraces Anatomy, Chemistry, and Physiology, and cannot be undergone before the end of the Second Winter Session of study. Fee, 6*l.* 6*s.* The second Examination embraces the remaining subjects of the curriculum, and cannot be undergone before the termination of the full period of study. Fee, 9*l.* 9*s.*

The Examinations will be held at four periods every year ; the precise



dates may be learned on application to the Secretary. A Candidate, on showing a sufficient reason for it, may be admitted to Examination on a day specially arranged, by paying an extra fee of 5*l.* Candidates who have passed the Examination in Anatomy, Physiology, and Chemistry, before any of the Licensing Bodies enumerated in Schedule A of the Medical Act, are exempt from the First Professional Examination.

## II. THE DOUBLE QUALIFICATION.

The Faculty of Physicians and Surgeons of Glasgow and the Royal College of Physicians of Edinburgh also grant their diplomas conjointly after examination before a Board of Examiners, in which each body is represented; the object being to give to Students facilities for obtaining from two separate Bodies, and at a less expense, a Double Qualification in Medicine and Surgery. The curriculum of study embraces a course of Medicine in addition to the subjects required for the Diploma of the Faculty. The Fees for the first and second Examinations, respectively, are 8*l.* 8*s.* and 12*l.* 12*s.* The dates of the quarterly periods of Examination may be learned on application to the Secretary of the Faculty.

Copies of the Regulations for the Single and the Double Qualifications, of which the above is an abstract, and of the lists of subjects for the Preliminary Examinations of the Faculty, may be had on application.

*President.*—Dr. Robert Scott Orr.

*Visitor.*—Dr. R. Perry.

*Secretary.*—Alexander Duncan, B.A.

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## GLASGOW ROYAL INFIRMARY SCHOOL OF MEDICINE.

*Empowered by Royal Charter.*

Fees :—First Course, 2*l.* 2*s.*; Second and Perpetual, 1*l.* 1*s.*; Practical Physiology, 1*l.* 11*s.* 6*d.*; Anatomy (including Anatomical Demonstrations and Practical Anatomy), First Session, 4*l.* 4*s.*; Second Session, 4*l.* 4*s.*; afterwards, 1*l.* 1*s.* per Session. Summer Course of Practical Anatomy with Demonstrations, 1*l.* 1*s.*

Of the curriculum of four years of study required for Medical graduation in the University of Glasgow, two years may be taken at the Royal Infirmary Medical School. During these two years the Students may attend any four of the departments of Medical study required by the University, and in addition, six winter months' Hospital practice and a course of Practical Anatomy. (The Hospital practice and Practical Anatomy must be taken during the same Winter Session.) Besides the above, attendance on the Hospital practice and on the Clinical Lectures is recognised by the University without any restriction. Most of the Lecturers being recognised by the University of Edinburgh, Students may study at this School under conditions nearly similar to those laid down for the University of Glasgow. The fee for any class taken for graduation in Glasgow must be the same as that for the corresponding class in the University.

## ROYAL INFIRMARY.

The Hospital contains 570 beds, which are all available for the purposes of Clinical Instruction. About 400 operations are performed annually.

*Appointments.*

There are five Physicians and five Surgeons' Assistants who reside in the Hospital. The fee for these appointments is 25*l.* per annum, and they are open to Students who have passed all their examinations except the last. They are held for twelve months, six of which are to be passed in the Medical and six in the Surgical Wards, or the whole period can be passed in one department. Clinical Assistants, Dressers, Dispensary Clerks, and Assistants to the Pathologist, are selected from the Students without any payment. These appointments are very numerous and of great value to the Students, owing to the large number of patients annually treated in the Hospital.

*Fees for Hospital Practice and Clinical Instruction.*

First Year, 10*l.* 10*s.*; Second Year and Perpetual, 10*l.* 10*s.*; 6 Months, 6*l.* 6*s.*; 3 Months, 4*l.* 4*s.*; Vaccination, 1*l.* 1*s.*

## LECTURERS.

- Anatomy.*—H. E. Clark, M.R.C.S.E.  
*Practical Physiology.*—W. J. Fleming, M.B.  
*Surgery.*—H. C. Cameron, M.D.  
*Medical Jurisprudence.*—J. Glaister, M.B.  
*Medicine.*—J. W. Anderson.  
*Materia Medica.*—John Dugall, M.D.  
*Practical Chemistry.*—John Clark, Ph.D.  
*Pathology.*—D. Foulis, M.D.  
*Operative Surgery.*—Wm. M'Ewen, M.D.  
*Dental Surgery.*—J. C. Woodburn, M.D.  
*Midwifery.*—James Stirton, M.D.  
*Mental Diseases.*—A. Robertson, M.D.

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## EDINBURGH ROYAL (DICK'S) VETERINARY COLLEGE.

*Principal.*—T. Walley, M.R.V.C.S.  
*Treasurer.*—W. R. Adam. *Clerk.*—A. Harris.  
 And four Professors.

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## THE NEW VETERINARY COLLEGE, EDINBURGH.

Professor Williams, F.R.S.E., and six other Professors.

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## NORTH OF SCOTLAND SCHOOL OF CHEMISTRY AND AGRICULTURE.

*Head Master.*—Thos. Jamieson, F.C.S.

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## ANDERSON'S UNIVERSITY MEDICAL SCHOOL, GLASGOW.

The fees for all the Lectures and Hospital Practice required for a Diploma, amount to 40*l.*, which sum includes perpetual attendance on the Medical and Surgical Practice and Clinical Lectures at the Royal Infirmary or General Hospital, which contains 600 beds.

*Secretary.*—J. B. Kidston, 50, West Regent Street, Glasgow.

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## COLLEGE OF MEDICINE, NEWCASTLE-UPON-TYNE.

In connection with the University of Durham. Established 1851. About 60 Students educated in Medicine and the Natural Sciences. Candidates for the Licences and Degrees in Medicine and Surgery of the University of Durham are not required to reside in Durham. The cost of all Lectures at this School requisite for the Examining Boards is forty-four guineas, and of the Hospital Practice of this School (at the Newcastle Infirmary) is seventeen guineas. There are 4 Scholarships of 25*l.* per ann., tenable 4 years. Also the Dickinson Memorial Scholarship of 15*l.* per ann., tenable 1 year. The Laboratories, Libraries, Museums, etc., are open daily to Students. Full particulars will be found at page 113.

*Secretary.*—J. W. Bunning, C.E.

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## PREPARATORY MEDICAL COLLEGE, EASINGWOLD, YORKSHIRE.

This College was established in 1874.

*Principal.*—John James Eberle, L.R.C.P., etc.

## LEEDS SCHOOL OF MEDICINE, PARK STREET, LEEDS.

This School was established in 1831, and affords a complete course of Medical Study qualifying for the necessary Medical Diplomas and Degrees. More than 100 Students attend the School and Hospital, paying about 90 guineas for the entire curriculum of Lectures and Hospital Practice (extending usually over 4 years) necessary for a complete Medical education qualifying for the different examining bodies. Has 3 Prizes of 10*l.* each (competed for annually), and bestows Medals and Certificates of Honour. Year is divided into 2 Sessions—Winter Session from October 1st to end of March, and Summer Session from May 1st to end of July. New Students are registered on paying fees and producing Certificate of having passed one of the recognised Preliminary Examinations in general education.

*President.*—W. N. Price, M.R.C.S.

*Honorary Treasurer.*—T. Scattergood, M.R.C.S.

*Honorary Secretary and Registrar.*—J. Horsfall, M.R.C.S.

*Resident Curator.*—Frederick Greenwood, M.R.C.S.

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## MANCHESTER ROYAL INFIRMARY. MANCHESTER.

The Manchester Royal Infirmary was originally founded in 1752, but the present buildings are of much later date. The stone front was erected in 1831, the south wing in 1848, and the north wing, otherwise called the "Jenny Lind Wing," was completed in 1851. The dome and clock were added in 1854. In recent years the institution has been greatly extended by the establishment of the Lunatic Hospital at Cheadle, of the Barnes Convalescent Home, and of the Monsall Fever Hospital.

The Royal Lunatic Hospital at Cheadle was erected in 1848, at an expense of £25,000, and, with the subsequent additions, now accommodates 150 patients.

The Barnes Convalescent Home at Cheadle, which was erected chiefly by the munificence of the late Mr. Robert Barnes, provides accommodation for 124 beds.

Fever and small pox cases were transferred in 1871 to the Fever Hospital at Monsall, which contains 130 beds, and is situated in the outskirts of the city.

All these establishments are under the same Board of Management as the Royal Infirmary, and are served by the same medical staff.

The Infirmary also embraces a Nurse-training institution, consisting of a staff of about 80 skilled nurses, who are available not only for the service of the Infirmary, but also for the use of private patients in Manchester and the surrounding districts.

The Infirmary itself contains 315 beds. The annual average number of Out and Home patients is over 16,000, and the list of casualties in the Accident-room exceeds 6,000 per annum. The associated Hospitals (exclusive of the Lunatic Asylum) contain together 570 beds.

STUDENTS' FEES.

MEDICAL PRACTICE.—Three months, 4 guineas; six months, 8 guineas; twelve months, 12 guineas; full period required by the Examining Boards, 18 guineas.

OFFICERS OF THE INFIRMARY.

*Chairman*.—E. S. Heywood, Esq.

MEDICAL AND SURGICAL STAFF.

*Consulting Physicians*.—R. F. Ainsworth, M.D.; Frank Renaud, M.D.; T. H. Watts, M.D.; Henry Browne, M.D.

*Consulting Surgeon*.—Mr. George Bowring.

*Physicians*.—William Roberts, M.D., F.R.S.; Henry Simpson, M.D.; John E. Morgan, M.D.; D. J. Leech, M.D.

*Assistant Physicians*.—Julius Dreschfield, M.D.; James Ross, M.D.

*Obstetric Physician*.—John Thorburn, M.D.

*Surgeons*.—Mr. F. A. Heath; Mr. Edward Lund; Mr. Walter Whitehead; Mr. Thomas Jones.

*Assistant Surgeons*.—Mr. James Hardie; Mr. Fred. A. Southam.

*Ophthalmic Surgeon*.—D. Little, M.D.

*Dental Surgeon*.—Mr. G. W. Smith.

*Resident Medical Officer*.—Graham Steell, M.D.

*Resident Surgical Officer*.—Edmund H. Howlett, F.R.C.S.

*Medical Superintendent of the Royal Lunatic Hospital at Cheadle*.—Mr. G. W. Mould.

*Medical and Surgical Registrar*.—G. A. Wright, F.R.C.S.

*Pathological Registrar*.—Alfred H. Young, F.R.C.S.

*Assistant Medical Officers*.—S. Moritz, M.D.; J. T. Wilkinson, M.D.

*Secretary and Superintendent*.—Mr. W. L. Saunder.

## THE WOLVERHAMPTON AND STAFFORDSHIRE GENERAL HOSPITAL.

### A CLINICAL AND TRAINING INSTITUTION FOR GENTLEMEN INTENDED FOR THE MEDICAL PROFESSION.

Founded 1848. Beds 210. This Hospital contains large Male and Female Accident Wards; Wards for cases of burns; General Medical and Surgical Wards; a Ward for Diseases peculiar to Women; a Children's Ward, and a detached Fever Wing; also a commodious semi-detached Out-patient Department. The General Wards have Clinical rooms attached, in which the analysis and the microscopic inspection of the Urine are conducted, also Ophthalmoscopic and Laryngoscopic examinations.

This Hospital is an excellent institution for preparing and training gentlemen intended for the Medical Profession, and it offers to them unsurpassed opportunities of acquiring a complete professional groundwork, and an elementary knowledge of medical subjects previously to their entering at a Medical College.

Instruction can be obtained in Chemistry, in Natural Philosophy, and in the Anatomy of the Dry Bones, Ligaments, Viscera, and in Topographical Anatomy.



The course of Practical Surgery includes the use of Surgical Apparatus, the performance of Surgical Operations, and the demonstration of Morbid Surgical Anatomy.

In the Hospital the Pupils are required to attend daily in the Casualty Room, in the Out-patient Department, and in the Wards, the instruction afforded being of the most practical nature, including Bandaging, the application of Splints, Tooth-drawing, and every kind of elementary professional detail ; likewise how to observe and examine patients.

The art of Dispensing, the preparation of Drugs, and of Pharmaceutical Compounds can be learnt in the Hospital Dispensary and Laboratory.

Operations are performed on Thursday at eleven o'clock, and practitioners are welcome. The practice of the Hospital is recognised by all the Examining Boards.

*Fees for Hospital Practice.*

Six Months, Six Guineas ; One Year, Ten Guineas ; Perpetual, Twenty Guineas.

Some members of the Honorary Staff receive Resident Pupils.

For further particulars apply to Mr. Vincent Jackson (Honorary Secretary of the Medical Committee), 46, Darlington Street, Wolverhampton.

## SCHOOL OF MEDICINE,

S. JAMES'S ROW, SHEFFIELD.

This school was founded in 1827. The table of fees, including demonstrations, are—Physiology: 1st Course, 3*l.* 3*s.* ; 2nd Course, 2*l.* 2*s.* Anatomy: 1st Course, 4*l.* 4*s.* ; 2nd Course, 2*l.* 2*s.* Practice of Medicine: 1st Course, 4*l.* 4*s.* ; 2nd Course, 2*l.* 2*s.* Practice of Surgery: 4*l.* 4*s.* Chemistry: 4*l.* 4*s.* Midwifery and Diseases of Women: 3*l.* 3*s.* Materia Medica: 3*l.* 3*s.* Medical Jurisprudence: 3*l.* 3*s.* Botany: 3*l.* 3*s.* Practical Chemistry: 3*l.* 3*s.* Practical Physiology: 3*l.* 3*s.* Practical Surgery: 3*l.* 3*s.*

Perpetual Fee for attendance on all the Lectures required by the Royal College of Surgeons and the Apothecaries' Hall, 42*l.*

Some of the Lecturers, and other Members of the Profession in the town and neighbourhood receive House Pupils, who thus obtain facilities for completing their Medical studies.

The Library at the Medical School is open to Students, under certain regulations.

Prizes and Certificates of Honour are given annually.

The names of all Students must be registered within fifteen days after the commencement of each Session ; and no Student commencing Professional studies at a Medical School can be registered who has not passed an Examination in Arts.

In compliance with a request from the General Medical Council of Education, the Court of Examiners of the Society of Apothecaries of London require that in future all Pupils applying for their Certificate of Qualification to practise, shall be instructed and furnished with Certificates of Proficiency in Vaccination by gentlemen holding appointments, in conformity with the Regulations of the Local Government Board, Whitehall.

*Hon. Secretary.*—Arthur Jackson.

## ADDENBROOKE HOSPITAL, CAMBRIDGE,

Founded by J. Addenbrooke, M.D., was opened in 1766, and was further endowed in 1813 by 7,000*l.* from J. Botwell, Bookseller, Cambridge. It is supported chiefly by voluntary contributions, and has recently been greatly enlarged and altered, containing now about 120 beds. Certificates of attendance on practice in it are recognised by the University, the Royal Colleges of Physicians and Surgeons, etc.

During term clinical lectures are delivered weekly by the Physicians and Surgeons. The fees for attendance on medical and surgical practice and lectures for six months are 8 guineas; twelve months, 10 guineas; perpetual, 15 guineas. The University Library has over 200,000 vols., and is entitled to a copy of every book published in the United Kingdom. No Student may take books out of the Library, but those who, having been admitted to M.B., M.C., LL.M., M.A., M.D., LL.D., D.D., have their names on Registrar of Members of Senate or on the Board of their respective Colleges.

Every facility is given to Students to the Cavendish Laboratory and the different Museums and Lecture Rooms for Botanical, Physical, and other studies.

*Consulting Physician.*—M. J. H. Bond, M.D.

*Physician.*—G. E. Paget, M.D., F.R.S.,  
and ten other Physicians and Surgeons.

*Librarian.*—H. Bradshaw, M.A.

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## ROYAL INFIRMARY SCHOOL OF MEDICINE, LIVERPOOL.

Contains 250 beds, including wards for the treatment of diseases peculiar to women. Clinical Lectures on Medicine and Surgery are delivered weekly. Dressers and Clinical Clerks are appointed by the Medical Board. Four Exhibitions, entitling the successful candidates to six months' free residence, with board, in the infirmary, are awarded annually by Examination.

*Registrar.*—R. Caton, M.D., M.R.C.P.

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## ROYAL MEDICAL BENEVOLENT COLLEGE, EPSOM.

*Office:*—37, Soho Square, London, W.

This College was founded in 1852 in order to provide an Asylum and Pensions for duly qualified medical men, and the widows of such, in

reduced circumstances ; and a School for the sons of duly qualified medical men.

Fifty Pensioners receive Annuities of 21*l.* each ; twenty-four of them have in addition furnished rooms in the College at Epsom.

Fifty Foundation Scholars receive an education of the highest class, and are boarded, clothed, and maintained, at the expense of the College. They must be elected from among the necessitous orphans and sons of such medical men. They must be fully eight years old, and are allowed to remain in the School until they are seventeen.

The School, generally known as "Epsom College," contains, in addition to the fifty Foundation Scholars, one hundred and sixty Resident Pupils, who are the sons of medical men, and who are charged 48*l.* a year if under fourteen years of age, and 51*l.* a year if fourteen years of age and upwards, for education, board, lodging, and washing, inclusive of the use of books and school materials. Full particulars of this School will be found in Part VIII.

There is a Chapel for Divine Worship, according to the ritual of the Church of England.

*Patron.*—Her Most Gracious Majesty the Queen.

*President.*—The Right Honorable the Earl Granville, K.G.

*Visitor.*—The Right Reverend the Lord Bishop of Winchester.

*Head Master of the School.*—Rev. W. De Lancy West, D.D.

*Honorary Consulting Physician.*—E. H. Sieveking, M.D., F.R.C.P.

*Honorary Consulting Surgeon.*—Edward Cock, Esq., F.R.C.S.

*Honorary Dental Surgeon.*—Robert Hepburn, Esq., L.D.S.

Any information with regard to the details of the Institution will be communicated to parties addressing inquiries to the Secretary, at the Office of the College, 37, Soho Square, where Subscriptions and Donations are received.

*Secretary.*—Robert Freeman.

*University of Durham College of Medicine.*—See University of Durham.

*Medical Department of Aberdeen University.*—See Aberdeen University.

*Medical Department of Edinburgh University.*—See Edinburgh University.

*Medical Department of Glasgow University.*—See Glasgow University.

*Medical Department of S. Andrew's University.*—See S. Andrew's University.

*Medical Department of the Catholic University of Ireland.*—See Catholic University of Ireland.

*Medical Department of Dublin University.*—See Dublin University.

*Medical Department of London University.*—See London University.

*Medical Department of King's College, London.*—See King's College, London.

*Medical Department of Owens College, Manchester.*—See Victoria University, Manchester.

*Medical Department of Oxford University.*—See Oxford University.

*Medical Department of Cambridge University.*—See Cambridge University.

*Army Medical School, Netley.*—See Military Schools.

# DENTAL EDUCATION.

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## INTRODUCTORY REMARKS.

THE Dentists Act, passed on the 22nd July, 1878, came into operation on the 1st August, 1879, and provides for the compulsory registration of all persons practising dentistry in the United Kingdom, also for the regulation of Examinations in dental surgery under the supervision of the General Medical Council, and subject, to some extent, to the requirements of that body.

In the form of Registration, Dental and additional qualifications may be entered, with a view to enabling the public to discern between Dentists who are unqualified and those who possess surgical qualifications. A fee of 5s. is fixed for entering "additional qualifications" in the Dentists' Register, and 3s. 4d. as the price of the Register. Pupils who have been articulated to their own parents will be in all other respects considered in the same position in regard to registration as Students as those pupils who have paid premiums for instruction. Students who commenced their professional education by apprenticeship to Dentists entitled to be registered, or by attendance upon professional lectures, before July 22nd, 1878 (when dental education became compulsory), shall not be required to produce evidence of having passed a Preliminary Examination in Arts. The registration of dental students will be carried on at the Medical Council Office in London, in the same manner as the existing registration of medical students, and, with the exceptions specified, subject to the same regulations as regards Preliminary Examinations in Arts.

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THE  
DENTAL HOSPITAL OF LONDON  
AND THE  
LONDON SCHOOL OF DENTAL SURGERY,  
LEICESTER SQUARE.

This hospital was founded in 1859, and opened for the reception of patients at 32, Soho Square. In March, 1874, it was removed to more commodious premises at 40, Leicester Square, which it now occupies. It is supported by voluntary contributions. The rapid growth of the school (there being now more than 100 students upon the books), and the frequent inquiries about its arrangements, and also about the course of study necessary for the candidates for the Dental and Surgical Diplomas, render it desirable that information relating to these subjects should be fully given, but the nature of this work will not permit of a very full description

## MEDICAL SCHOOL.

## LECTURES.

## DENTAL SURGERY AND PATHOLOGY.

**INFLAMMATION** :—Its Nature, Pathology, and Symptoms. Its important bearing in relation to Dental Surgery. Various examples of its action in connection therewith. The phenomena of reflex pain and action explained.

**THE FIRST DENTITION** :—Local and Constitutional Maladies occurring synchronously with that period. The effects of Struma, Syphilis, etc., upon Dentition, Diseases connected with the temporary Teeth. Their management considered in relation to the coming permanent dentine.

**THE SECOND DENTITION** :—The chief forms of Temporary and Permanent Irregularity. Their causes and treatment.

**CARIES, AND SPECIAL DISEASES OF THE TEETH AND TISSUES CONNECTED THEREWITH** :—Its Pathology in connection with various theories on the Development of Tissues. The Vital, Chemical, and Chemico-vital explanations of Decay. Its Treatment, constitutional and local. The operation of filling considered under all its different relations. Diseases of the Pulp and the surrounding Tissues of the Teeth, and their treatment. Effects of Mercury, Rheumatism, Syphilis, etc., on the soft and hard structures connected with the Teeth. Necrosis. Exostosis. Absorption. Denudation. Salivary Calculus. Abnormal conditions of the Mucous Membrane of the Mouth. Hypertrophy, Epulis, etc. Diseases of the Antrum. Denti-gerous Cysts. Odontomes. Extraction of Teeth. Replantation.

**ORAL SURGERY** :—Tumours of the Maxillæ generally considered. Dislocation and Fractures of the Jaw. Diseases connected with the Salivary Ducts. Necrosis and Caries of Bone. Hair-lip. Perforations of Hard Palate, Cleft Palate. Neuralgia, etc. Therapeutic action of drugs used in Dental Surgery.

These Lectures are delivered on the mornings of Tuesday and Friday, at 8 o'clock, during the months of May and June. Recent Specimens, Preparations, Models, Drawings, etc., will be used to illustrate the Lectures.

## DENTAL ANATOMY AND PHYSIOLOGY.

*(Human and Comparative.)*

**GENERAL SCOPE OF ODONTOLOGY** :—General Characters of Teeth, as to composition, form, position, etc.

**THE DENTAL TISSUES** :—Enamel. Distribution of, peculiar modification of, etc. Dentine, structure, etc., relation of to Bone, Vaso-dentine and Osteo-dentine. Cementum. Structure, distribution, etc. Dental Pulp, structure, modification in advanced age, etc.

**THE DEVELOPMENT OF TEETH** :—General account of, as seen in Fish, Reptiles, and Mammals. Special modifications in particular groups. Relation of modern views to those held by Goodsir, etc.



**THE DEVELOPMENT OF THE JAWS :—**Their bearing upon Irregularities of the Teeth.

**THE ATTACHMENT OF THE TEETH :—**By Membrane, by Anchylosis, by Implantation in Sockets. The relations existing between these three methods.

**THE TEETH OF MAN.**

**ANATOMY OF CHIEF ASSOCIATED PARTS.**

An outline (so far as time may allow) of the Dentition of other Vertebrates.

Causes operating to modify an animal's dentition :—(1) Inheritance ; (2) Armament for sexual warfare ; (3) Provision for capture and comminution of food.

Fish :—Examples of Typical Dentitions.

Reptiles :—Ditto.

Mammals :—Ditto. Examples of extreme modifications for particular purposes. Character of Marsupial Dentition ; of Carnivorous, Insectivorous, Rodent, and Herbivorous Dentitions.

These Lectures are delivered on the mornings of Wednesday and Saturday, at 8 o'clock, during the months of May and June. The course is illustrated by Preparations, Diagrams, and Microscopic Examinations.

### MECHANICAL DENTISTRY.

Comprising the Preparation of the Mouth for Artificial Teeth. Impression-taking in Wax Composition and Plaster of Paris. Mould-making in Plaster and Metal. Bites or Articulations. The Metals used in Dentistry. Gold-melting, Refining, and Alloying. Plate-making. Artificial Teeth, their qualities and arrangement. How to work Tube and Pin Teeth. Vulcanite, its nature and preparation. Making Vulcanite Cases. Making Pivots. Mounting Spiral Springs. Regulation Plates. Dr. N. Kingsley's Method of making Soft Rubber Obturators.

This course is illustrated by diagrams and practical demonstrations.

These Lectures are delivered on the evenings of Wednesday, at 7 o'clock, during the months of October, November, and December.

### METALLURGY IN ITS APPLICATION TO DENTAL PURPOSES.

The Lectures delivered in this course, while embracing, as far as possible, the subject generally, will be devoted more particularly to those metals useful in Dental practice.

The general properties of the Metallic Bodies will first be examined, and also their Clinical relations to the non-Metallic. Some consideration will then be given to heating appliances, and to the nature and uses of Gaseous and Solid Fuels. After these the metals will be separately treated of, commencing with the noble, and ending with the base metals.

Throughout the course, such Chemical and Mechanical points as may bear upon the Student's pursuits will be treated of, and methods of analysis detailed.

These Lectures are delivered on the mornings of Tuesday and Friday at 12 o'clock, during the months of October and November.

An Examination is held once a month, and a report of each Examination is sent to the Dean.

All students who desire to attend these classes must apply to the Dean for permission to do so, and they will attend in the order arranged by him.

Sir Edwin Saunders, dental surgeon to the Queen, has presented the leasehold premises, No. 39, Leicester-square, adjoining this Hospital, value £2,400, to the authorities of that institution for the purpose of its enlargement.

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GENERAL FEE FOR THE SPECIAL LECTURES AND  
HOSPITAL PRACTICE REQUIRED BY THE  
CURRICULUM.

|                               |     |     |     |     | £  | s. | d. |
|-------------------------------|-----|-----|-----|-----|----|----|----|
| Two Courses on Dental Anatomy | ... | ... | ... | ... | 15 | 15 | 0  |
| „ Dental Surgery              | ... | ... | ... | ... |    |    |    |
| „ Mechanical Dentistry        | ... | ... | ... | ... |    |    |    |
| One Course of Metallurgy      | ... | ... | ... | ... |    |    |    |

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FEES TO SINGLE COURSES.

Dental Anatomy and Physiology, one course, 3*l.* 3*s.*; Ditto, two courses, 5*l.* 5*s.*; Dental Surgery, one course, 3*l.* 3*s.*; Ditto, two courses, 5*l.* 5*s.*; Dental Mechanics, one course, 3*l.* 3*s.*; Ditto, two courses, 5*l.* 5*s.*; Metallurgy, one course, 3*l.* 3*s.*; Ditto, two courses, 5*l.* 5*s.*; Fee for the Two Years' Practice of the Hospital required by the Curriculum, 15*l.* 15*s.*

Total Fee for the Special Lectures and Hospital Practice required by the Curriculum, 31*l.* 10*s.*; Students who perform Operations for Filling Teeth must provide their own Instruments for the same. Further particulars may be obtained on application to the Dean, Mr. T. FRANCIS KEN UNDERWOOD.

*President*.—His Royal Highness the Duke of Cambridge, K.G.

*Vice-President*.—His Serene Highness the Duke of Teck, K.C.B.

*Trustees*.—Sir Charles McGrigor, Bart.; Sir Edwin Saunders.

*Committee of Management*.—*Chairman*: John Eric Erichsen, Esq., F.R.S. *Vice-Chairman*: Septimus W. Sibley, Esq.

*Treasurer*.—R. C. L. Bevan, Esq.

*Consulting Physician*.—Sir Thomas Watson, Bart., M.D., F.R.S.

*Consulting Surgeon*.—Christopher Heath, Esq., F.R.C.S.

*Consulting Dental Surgeons*.—Samuel Cartwright, Esq.; John Tomes, Esq., F.R.S.

*Dental Surgeons*.—G. Gregson, Esq.; Alfred Coleman, Esq.; Henry Moon, Esq.; Alfred Hill, Esq.

*Assistant Dental Surgeons*.—F. Canton, Esq.; Ashley Gibbings, Esq.; David Hepburn, Esq.; R. H. Woodhouse, Esq.; W. P. Bartlett, Esq.; S. J. Hutchinson, Esq.

*Chloroformists*.—F. W. Braine, Esq.; G. H. Bailey, Esq.

*Dean*.—T. Francis Ken Underwood, Esq.

*Honorary Secretary*.—G. A. Ibbetson, Esq.

THE  
NATIONAL DENTAL HOSPITAL AND COLLEGE,  
149, GREAT PORTLAND STREET, W.

It was established at 149, Great Portland Street, and opened to the public on November 11th, 1861.

The first special Dental School established in the United Kingdom was the Metropolitan School of Dental Science, which was opened on October, 5th, 1859, Dr. B. W. Richardson delivering the inaugural address.

With a view to affording greater educational facilities, the field of work of this latter Institution was enlarged, and its name changed to the National Dental College, and an inaugural address was delivered by Mr. Oakley Coles on May 8th, 1877.

RULES AND REGULATIONS TO BE OBSERVED BY STUDENTS  
OF THE HOSPITAL.

I. Students admitted to the practice of this Hospital must enter for the period of two years, and with the understanding that it is their intention to obtain the Dental Diploma of the Royal College of Surgeons. Exceptions to this rule can only be made under special or particular circumstances, and with the consent of the Medical Committee.

II. Students are required to attend the Hospital daily (except on Sundays) at 9 a.m., and must sign their names, and the time of their arrival, in the Attendance Book. No Student shall be entitled to receive his Certificate of Attendance, unless he has attended not less than two-thirds of the time for which he entered.

III. No Student shall be allowed to undertake any operation during the first two months of his Hospital practice, except by special permission of the Dental Officer in attendance.

IV. Students must provide the necessary instruments for stopping teeth; and all instruments and appliances the property of the Hospital shall, after being used by a Student, be returned by him, cleansed, to their proper places.

V. No Student shall be allowed to receive fee or remuneration from any patient attending the Hospital; and no mechanical work in the form of artificial teeth shall be supplied to a patient by a Student of the Hospital.

VI. The authority of the Medical Officers of the Hospital must be always respected by the Students; and in case of unseemly conduct, it will be the duty of the Medical Officer to report the same to the Committee, who shall have the power to deal as they may think fit with such cases.

SUGGESTIONS TO STUDENTS.

Before commencing his Professional Education, the Student must pass a Preliminary Examination in Arts.

The Examination most to be recommended is the Matriculation of the University of London, as it will enable the Student subsequently to present himself for an University degree, should he desire to do so.

The Preparation of Candidates for any of the Preliminary Examinations is conducted by the Rev H. R. Belcher, M.A.

Having received a Certificate of his Preliminary Examination, and cards of admission to Lectures and Hospital Practice, it is necessary to register the same at the Medical Council Office, 315, Oxford Street, within fifteen days of commencing his professional studies. The commencement of such studies will not be recognised by any of the qualifying bodies as dating earlier than fifteen days before the time of registration.

Any one registered as a Medical Student must also register as a Dental Student, if he be such.

Prizes, consisting of medals, books, and certificates of honour, are awarded annually.

### FEES.

*General Fee for Special Lectures required by the Curriculum of the Royal College of Surgeons of England.*

|                                                 |            |
|-------------------------------------------------|------------|
| Two Courses on Dental Anatomy and Physiology .. | } £12 12 0 |
| "    "    Dental Surgery and Pathology ..       |            |
| "    "    Dental Mechanics ..                   |            |
| One Course on Dental Metallurgy ..              |            |

#### *Fees to Single Courses.*

|                                  | One Course. | Two Courses. |
|----------------------------------|-------------|--------------|
| Dental Anatomy and Physiology .. | £2 12 6     | £4 4 0       |
| Dental Surgery and Pathology ..  | 2 12 6      | 4 4 0        |
| Dental Mechanics ..              | 2 12 6      | 4 4 0        |
| Dental Metallurgy ..             | 3 3 0       | 5 5 0        |

*Fees for Lectures on subjects allied to Dental Science, not required by the Curriculum.*

(These Lectures, with the exception of the Arts and Literature Class, are free to the Students of the College who have entered for the Special Lectures.)

|                                             |        |
|---------------------------------------------|--------|
| Operative Dental Surgery ..                 | £2 2 0 |
| Elements of Histology ..                    | 1 1 0  |
| Demonstrations on Dental Mechanics ..       | 1 1 0  |
| Deformities of the Mouth ..                 | 2 2 0  |
| Comparative Dental Pathology ..             | 2 2 0  |
| Arts and Literature Class (Three Months) .. | 3 3 0  |

Fee for the two years' Hospital Practice required by the Curriculum, 12*l.* 12*s.*

Total Fee for the Special Lectures and Hospital Practice required by the Curriculum, 25*l.* 4*s.*

(The Fees for General Hospital Practice and Lectures vary from 38 to 100 guineas; particulars of which are to be found in the Student's number of the Dental Periodicals.)

### COUNCIL OF THE COLLEGE.

*President.*—Samuel Lee Rymer, Esq. *Council.*—Eight members of the Council and four Trustees. *Dean.*—Thomas Gaddes, Esq., L.D.S. Eng. and Edin.

### LECTURERS.

*Dental Anatomy and Physiology.*—Mr. Thomas Gaddes, L.D.S. Eng. and Edin.

*Dental Surgery and Pathology.*—Mr. Willoughby Weiss, L.D.S. Eng.

*Dental Mechanics.*—Mr. Harry Rose, L.D.S. Eng.

*Dental Metallurgy*.—Mr. Alfred Tribe, F.C.S., Fell. Inst. Chem.  
*Operative Dental Surgery*.—Mr. W. St. George Elliott, M.D., D.D.S.  
*Elements of Histology*.—Mr. Thomas Gaddes, L.D.S. Eng. and Edin.  
*Demonstrator of Dental Mechanics*.—Mr. W. R. Humby, L.D.S. Eng.  
*Deformities of the Mouth*.—Mr. Oakley Coles, L.D.S. Eng.  
*Comparative Dental Pathology*.—  
*Arts and Literature*.—Rev. Dr. H. R. Belcher, M.A.

## HONORARY MEDICAL STAFF.

*Consulting Physicians.*

B. W. Richardson, Esq., M.D., F.R.S., &c., 25, Manchester Square, W.  
 Wm. Henry Broadbent, Esq., M.D., 34, Seymour Street, Portman Square, W.

*Consulting Surgeons.*

Professor Erichsen, F.R.S., 6, Cavendish Place, Cavendish Square, W.  
 Professor Christopher Heath, F.R.C.S., 36, Cavendish Square, W.  
 Sir T. Spencer Wells, F.R.C.S., 3, Upper Grosvenor Street, W.

*Consulting Dental Surgeon.*

J. Merryweather, Esq., M.R.C.S., Brook Street, Grosvenor Square.

*Dental Surgeons.*

T. Gaddes, L.D.S. Eng. and Edin., 46, Seymour Street, Portman Square.  
 Harry Rose, L.D.S. Eng., 61, Albany Street, N.W.  
 A. F. Canton, L.D.S. Eng., 34, Baker Street, Portman Square.  
 Henri Weiss, L.D.S. Eng., 7, Montagu Place, Russell Square.  
 G. A. Williams, L.D.S. Eng., 17, Cavendish Place, W.  
 Alfred Smith, L.D.S. Eng., 3, Devonshire Road, Seven Sisters Road, N.

*Assistant Dental Surgeons.*

Willoughby Weiss, L.D.S. Eng., 7, Montagu Place, Russell Square.  
 W. R. Humby, L.D.S. Eng., Newgate Street, E.C.  
 G. Dennis Curnock, L.D.S. Eng., 11, Finsbury Circus, E.C.  
 Giles Bradshaw, L.D.S. Eng., 41, Great Marlborough Street, W.  
 Marcus Davis, L.D.S. Eng., 27, Maida Hill West, W.  
 H. G. Read, L.D.S., 30, Finsbury Square, E.C.

*House Surgeon*.—Chas. Glassington, M.R.C.S.

*Curator and Librarian*.—F. Henri Weiss, L.D.S. Eng.

*Secretary*.—Arthur G. Klugh.





LEGAL EDUCATION  
AND OUR  
INNS OF COURT.



## LEGAL EDUCATION,

AS REQUIRED BY THE COUNCIL OF LEGAL EDUCATION, OR  
THE SEPARATE INNS.

—◆—

INTRODUCTORY REMARKS.

In giving information respecting the necessary course of study, the regulations and expense of being prepared for, and manner of entering, the Bar, the choice of an Inn, the means of admission, the mode of keeping terms, the process of preparation, and the examinations required, the author believes he is supplying a widely felt want, having been repeatedly asked for information by intending Students on these various points, and he has therefore been induced to devote a rather long and comprehensive chapter to this section of the volume. The necessary steps a Student should take for being admitted to the Bar are herein given, with details which will be a guide to those who have selected the Law as their future profession, in order to become a Barrister or a Solicitor.

Briefly, then, "a call to the Bar" in England must be through one of our "*four Inns of Court*," The Benchers of which Inns alone are qualified to pass Students.

In choosing the Law as a profession, it must occur to every one that a successful career is by no means a certainty, and it should be borne in mind that at the present time there are at the Bar nearly 200 Queen's Counsels, 6,735 Barristers, and 12,000 Solicitors; within the last ten years the number of Barristers has been doubled, and amongst this number there must be a large section of disappointed or unsuccessful men. How many of the 6,735 barristers get employment may be conjectured from the fact that the lead in a case can only be held by a Queen's counsel, and of these there are but 187, of which number probably one quarter does not practice at all. The "*four Inns*" above alluded to are: The Society of Lincoln's Inn, of the Middle Temple, of the Inner Temple, and of Gray's Inn.

The regulations of these four Societies are nearly similar. Full particulars as to entrance at these Inns will be given in the following pages. Any Student reading for the Bar must keep Terms after having become a member of an "Inn of Court."

Terms are kept as follows:—Those who are *at the same time* memoers of any British University, by dining any three days, and in the case of all others by dining six days, in each Term, in the hall of their Inn. Students must be 21 years of age, and have kept (generally) 12 Terms before being called, and must have passed the following examinations:—

- (1) A preliminary examination before entrance in English, Latin, and History, which is dispensed with on production of a certificate of a University Public Examination.
- (2) An Examination in Roman Law, either alone any time after four Terms have been kept, or combined with (3).
- (3) An Examination in (a) Common Law, (b) Equity, (c) Real and Personal Property Law, after keeping nine Terms.

It requires at least three years' study for any one to qualify himself to become a barrister, but Lectures are delivered on the above subjects at the

Inns, attendance on which is not compulsory. An examination is held each year, at which prizes are given for proficiency in the subjects of the several Lectures.

The rewards offered for competition amongst the Students of all the Inns by the "Council," consist of 12 Studentships, each of them being of the annual value of one hundred guineas; eight are tenable for two years, and four for one year. The Council also issue 18 prizes of the value of 500*l*. There are also "Inns of Court" Studentships in Roman Law, Jurisprudence, International Law, and Constitutional History, which each Inn offers for competition amongst its own Students. Lincoln's Inn offers 4 Scholarships of one hundred guineas each, and four of fifty guineas each, tenable for one year. Middle Temple likewise offers 8 Scholarships, the total annual value being 630*l*., also tenable for one year. The Inner Temple does the same. Gray's Inn offers Scholarships and Prizes of the annual value of 375*l*. These Prizes, which are valuable and numerous, are of recent foundation, and are particularly intended to cover the fee of 100 guineas for working for a year in some Barrister's Chambers.

Students can be called to the Bar during any Law Term by giving a fortnight's notice before "Call day," usually the sixteenth day of each Term. He will then have to pay certain fees amounting to about 100*l*. A serious item is the Government stamp, of 50*l*. The sums required at the different Inns are as follow:—At the Middle Temple, 99*l*. 10*s*. The details of this, as well as of the payments necessary on admission, will be found in a future page. At Lincoln's Inn the total is 94*l*., and the same sum at the Inner Temple; but the fees at Gray's Inn amount to only 77*l*. 2*s*. 4*d*., as detailed farther on. After a call to the Bar a young Barrister should read in Chambers for at least two years, besides attending the Courts, before he commences to practise on his own account. Members of the Junior Bar are permitted to take pupils, and the fee is usually 100 guineas for a year, or 50 guineas for six months. The advantage of reading in Chambers is sometimes very great, for if the future practitioner is made of the right metal he becomes so useful to the Barrister with whom he is studying that he will frequently help on his pupil, in his future career, by introducing clients and business to him. Six months with each Barrister would suffice in an ordinary course, divided, say, between a Conveyancer, a Special Pleader, and a Chancery Barrister; and an additional Term should be spent with the Barrister who makes that branch of the law his specialty which a Student intends to follow. The cost of a Barrister's education is about 450*l*., and for the usual course of study of 4 years this would give an average outlay of about 112*l*. a year. This total consists of 40*l*. entrance fee, 25*l*. for dinner dues, etc., and fees and other charges make up the sum named; such as 225 guineas for reading in Chambers, 50*l*. for law books, and 10*l*. for wig and gown. After the Barrister is called, his Chambers will cost him 60*l*. a year, and the cost of living can be properly estimated at about 200*l*. a year; and if we allow that 5 years must elapse before a Barrister can hope to get into practice, it is not a difficult problem to solve what the cost of a legal education is.

By an Act of Parliament called "The Solicitor's Act," any Barrister of not less than five years' standing at the Bar, if he fail in his occupation as a Barrister, or is disappointed with his success, or finds the work too laborious, may change his specialty in the profession, and become a Solicitor. The regulations for the admission of Students to the Inns of Court will be given *in extenso* in the succeeding pages.



## COUNCIL OF LEGAL EDUCATION.

*(Established by the Four Inns of Court to Superintend the Subject of the Education of Students.)*

The Council of Legal Education consists of 8 Benchers, 2 nominated by each Inn of Court, who provide 5 Readers, whose duties are—to deliver two courses of Lectures in each educational term to Students for the Bar, to form classes, and to afford advice and directions for the conduct of their professional studies. Each Student pays 5 guineas for the entire course of Lectures, and 5 guineas for admission to the Private Classes. Studentships and Exhibitions of 50 guineas and 25 guineas per ann. respectively, tenable 3 years, are awarded to the Students most distinguished in the July Examinations. For being called to the Bar it is necessary, as previously stated, that each person should apply to some Inn of Court to be admitted as a Student, filling up a form, to be obtained on application at the Treasurer's office of the Inn, and to be signed by himself and by two Barristers testifying to his fitness and respectability. Having been approved by the Benchers of the Inner Court, he will have to keep Terms by dining in the hall of the Inn three days in each Term if he be a member of a University, and six days in each Term if he be not—12 Terms to be kept before the call can be made. The time occupied in term-keeping is 3 years. No Student under 21 years of age is qualified to be called. The cost of a call to the Bar is about 150*l.*, of which, at the Inner Temple, one guinea is charged for the admission form; 40*l.* 11*s.* 5*d.* for admission fees, and 82*l.* 12*s.* for call fees. Before "going into Commons," a bond has to be signed by two sureties for payment of Commons dues, which merely amount to 6*l.* per ann.

*Chairman.*—Right Hon. Spencer H. Walpole, Q.C., M.P., L.I.

*Vice-Chairman.*—The Rt. Hon. the Master of the Rolls.

*Clerk of the Council.*—Thomas Corn, Esq.

## EXAMINATION OF CANDIDATES FOR STUDENTSHIPS, HONOURS, AND PASS CERTIFICATES.

No Student admitted after the 31st December, 1872, can receive from the Council the Certificate of fitness for call to the Bar, required by the four Inns of Court, unless he shall have passed a satisfactory Examination in the following subjects—viz., 1st, Roman Civil Law; 2ndly, The Law of Real and Personal Property; 3rdly, Common Law; and, 4thly, Equity.

No Student admitted after the 31st December, 1872, can be examined for call to the Bar until he shall have kept nine Terms; *except that Students admitted after that day* shall have the option of passing the Examination in Roman Law at any time after having kept four Terms.

An Examination is held, to which a Student of any of the Inns of Court, who is desirous of becoming a candidate for a Certificate of Fitness for being called to the Bar, is admissible.

Each Student proposing to submit himself for examination will be required to enter his name, personally or by letter, at the Treasurer's or Steward's Office of the Inn of Court to which he belongs, and he will further be required to state in writing whether his object in offering himself for examination is to obtain a Certificate preliminary to a call to the Bar, or whether he is merely desirous of passing the Examination in Roman Law under the above-mentioned Rule.

As an encouragement to Students to study Jurisprudence and Roman Civil Law, Twelve Studentships of One Hundred Guineas each have been established, and divided equally into two classes ; the 1st class of Studentships to continue for two years, and is open for competition to any Student as to whom not more than four Terms shall have elapsed since he kept his first Term ; and the 2nd class to continue for one year only, and to be open for competition to any Student, not then already entitled to a Studentship, as to whom not less than four and not more than eight Terms shall have elapsed since he kept his first Term ; two of each class of such Studentships to be awarded by the Council, on the recommendation of the Committee, after every Examination before Hilary and Trinity Terms respectively, to the two Students of each set of competitors who shall have passed the best Examination in both Jurisprudence and Roman and Civil Law.

#### PROFESSORS (APPOINTED BY THE COUNCIL).

*Jurisprudence, including International Law, Public and Private—Roman Civil Law—and Constitutional Law and Legal History.*—F. Harrison, Esq., and J. Bryce, Esq., D.C.L.

*Common Law.*—John Dawson Mayne, Esq.

*Equity.*—Arthur Shelly Eddis, Esq., Q.C.

*Law of Real and Personal Property.*—Professor W. Barber.

#### BOARD OF EXAMINERS.

*In Jurisprudence, including International Law, Public and Private, the Roman Civil Law, and Constitutional Law and Legal History.*—E. Robinson, M.A., and C. L. Shadwell, B.C.L.

*In Equity.*—W. H. G. Bagshaw, Q.C.

*In Common Law.*—Hugh Cowie, Esq.

*In Real and Personal Property.*—T. C. Wright, Esq.

#### SOCIETIES OF LINCOLN'S INN, THE MIDDLE TEMPLE, THE INNER TEMPLE, AND GRAY'S INN,

#### USUALLY KNOWN AS THE "INNS OF COURT."

Joint Board of Examiners appointed by the four Inns of Court for conducting the Examination of Students previous to admission to an Inn of Court :—

#### MIDDLE TEMPLE.

Peter Henry Edlin, Esq., Q.C. ; Charles Clark, Esq., Q.C. ; Charles Grey Wotherspoon, Esq. ; Edmund Russell Roberts, Esq.

## INNER TEMPLE.

George Browne, Esq.; James John Hooper, Esq.; William Edward Murray Tomlinson, Esq.; Arthur Charles Cheny, Esq.

## LINCOLN'S INN.

Almaric Rumsey, Esq.; D. Pitcairn, Esq.; J. W. Bonser, Esq.; E. C. Bovill, Esq.

## GRAY'S INN.

Hugh Cowie, Esq.; Henry Peat, Esq.; Edwyn Jones, Esq.; John Rose, Esq. *Secretary to the Board.*—Thomas Purdue, Esq.

REGULATIONS AS TO THE ADMISSION OF STUDENTS, THE MODE OF KEEPING TERMS, THE EDUCATION AND EXAMINATION OF STUDENTS, THE CALLING OF STUDENTS TO THE BAR, AND THE TAKING OUT OF CERTIFICATES TO PRACTISE UNDER THE BAR.

1. Every person, not otherwise disqualified, who shall have passed a Public Examination at any University within the British dominions, shall be entitled to be admitted as a Student, without passing a Preliminary Examination, but subject to Rule 7.

2. Every other person applying to be admitted as a Student shall, before such admission, have satisfactorily passed an Examination in the following subjects, viz., (a) The English language, (b) The Latin language, (c) English History.

3. Such Examination shall be conducted by a joint Board, to be appointed by the four Inns of Court.

4. For constituting such Board, each of the four Inns of Court shall appoint four Examiners, and the Council of Legal Education shall have power to allot such remuneration as the Council shall think fit to such Examiners.

5. The Examiners shall attend according to a rota to be fixed by themselves, and two shall be a quorum.

6. Meetings of the Examiners shall be held at least once in every week during each Law Term, and once in the week next preceding each Law Term, and at such other times as shall be appointed in accordance with any order of the Board.

7. No Attorney at Law, Solicitor, Writer to the Signet, or Writer of the Scotch Courts, Proctor, Notary Public, Clerk in Chancery, Parliamentary Agent, or Agent in any Court original or appellate, Clerk to any Justice of the Peace, or person acting in any of these capacities, and no Clerk to any Barrister, Conveyancer, Special Pleader, Equity Draftsman, Attorney, Solicitor, Writer to the Signet, or Writer of the Scotch Courts, Proctor, Notary Public, Parliamentary Agent, or Agent in any Court original or appellate, Clerk in Chancery, Clerk of the Peace, Clerk to any Justice of the Peace, or to any officer in any Court of Law or Equity, and no person acting in the capacity of any such Clerk, shall be admitted as a Student at any Inn of Court until such person shall have entirely and *bonâ fide* ceased to act or practise in any of the capacities above-named or described; and if on the Rolls of any Court, shall have taken his name off the Rolls thereof.

8. The following forms shall be adopted by each of the four Inns of Court on applications for admission as Students :—

I, \_\_\_\_\_ of \_\_\_\_\_, the \_\_\_\_\_ son of \_\_\_\_\_, in the county of \_\_\_\_\_, [add father's profession, if any, and the condition in life and occupation, if any, of the applicant]

do hereby declare that I am desirous of being admitted a Student of the Honourable Society of \_\_\_\_\_

for the purpose of being called to the Bar, or of practising under the Bar, and that I will not, either directly or indirectly, apply for or take out any certificate to practise, directly or indirectly, as a Special Pleader, or Conveyancer, or Draftsman in Equity, without the special permission of the Masters of the Bench of the said Society.

And I do hereby further declare that I am not an Attorney at Law, Solicitor, a Writer to the Signet, a Writer of the Scotch Courts, a Proctor, a Notary Public, a Clerk in Chancery, a Parliamentary Agent, an Agent in any Court original or appellate, a Clerk to any Justice of Peace, nor do I act, directly or indirectly, in any such capacity, or in the capacity of Clerk of or to any of the persons above described, or as Clerk of or to any Barrister, Conveyancer, Special Pleader, or Equity Draftsman, or of or to any officer in any Court of Law or Equity.

Dated this \_\_\_\_\_

day of \_\_\_\_\_  
(Signature)

We, the undersigned, do hereby certify that we believe the above-named \_\_\_\_\_ to be a gentleman of respectability, and a proper person to be admitted a Member of the said Society.

} Barristers of

Approved, {

Treasurer, or, in his absence, by two Benchers.

9. Every person applying to be admitted as a Student shall pay the sum of One Guinea upon application for the Form of Admission ; and the sums so paid shall form part of the common fund hereinafter mentioned.

#### KEEPING TERMS.

10. Students who shall at the same time be Members of any of the Universities of Oxford, Cambridge, Dublin, London, Durham, the Queen's University in Ireland, St. Andrew's, Aberdeen, Glasgow, or Edinburgh, shall be enabled to keep Terms by dining in the halls of their respective Inns of Court any three days in each Term.

11. Students who shall not at the same time be Members of any of the said Universities shall be enabled to keep Terms by dining in the halls of their respective Inns of Court any six days in each Law Term.

12. No day's attendance in Hall shall be available for the purpose of keeping Term, unless the Student attending shall have been present at the grace before dinner, during the whole of dinner, and until the concluding grace shall have been said, unless the acting Treasurer on any day during dinner shall think fit to permit the Students to leave earlier.

## CALLING TO THE BAR.

13. Every Student must have attained the age of twenty-one years before being called to the Bar.

14. Every Student must have kept twelve Law Terms before being called to the Bar, unless any Term or Terms shall have been dispensed with under Rule 20 or 56.

15. Students admitted before the first day of Hilary Term, 1864, and not already qualified, have the option of qualifying themselves for call to the Bar, under the Regulations of Hilary Term, 1852,\* or under the Regulations of Michaelmas Term, 1869,† or under such of these Regulations as are applicable to Students admitted after the 31st December, 1871; and Students admitted after the first day of Hilary Term, 1864, and before the first day of January, 1872, and not already qualified, shall have the option of qualifying themselves for call to the Bar either under the Regulations of Michaelmas Term, 1869, or under such of these Regulations as are applicable to Students admitted after the 31st December, 1871. And as regards Students seeking to qualify themselves for call to the Bar under the Regulations of Hilary Term, 1852, attendance for one whole year at the Lectures of two of the Professors under these Regulations shall be equivalent to the attendance at Lectures required by the Regulations of Hilary Term, 1852; and as regards Students seeking to qualify themselves for call to the Bar under the Regulations of Michaelmas Term, 1869, attendance at the Lectures and Private Classes of two of the Professors and Tutors under the Regulations of Michaelmas Term, 1872, or at the Lectures of two of the Professors under these Regulations, shall be equivalent to attendance at Lectures and Classes required by the Regulations of Michaelmas Term, 1869. And as regards Students seeking to qualify themselves for call to the Bar, either under the Regulations of Hilary Term, 1852, or under the Regulations of Michaelmas Term, 1869, the passing, to the satisfaction of the Council of Legal Education, of an examination in such of the subjects mentioned in Rule 45 of these Regulations as may be prescribed by the Council, shall be equivalent to the pass examination required by the Regulations of Hilary Term, 1852, and by the Regulations of Michaelmas Term, 1869, respectively.

16. No Student admitted after the 31st December, 1871, shall be called to the Bar, unless such Student shall, to the satisfaction of the Council of Legal Education, have passed a Public Examination for the purpose of ascertaining his fitness to be called to the Bar, and have obtained from the Council a Certificate of having passed such Examination.

17. No Student shall be called to the Bar until his name and description shall have been screened in the Hall, Benchers' Room, and Treasurer's or

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\* Rule 12 of Regulations of Hilary Term, 1852:—"No Student shall be eligible to be called to the Bar who shall not either have attended during one whole year the Lectures of two of the Readers, or have satisfactorily passed a Public Examination."

† Rule 15 of Regulations of Michaelmas Term:—"No Student shall be eligible to be called to the Bar who shall not have attended during one whole year the Lectures and Private Classes of two of the Readers, or have been a Pupil during one whole year, or periods equal to one whole year, in the Chambers of some Barrister, Certified Special Pleader, Conveyancer, or Draftsman in Equity, or two or more of such persons, or have satisfactorily passed a General Examination. Provided that Students admitted before the first day of Hilary Term, 1864, shall have the option of qualifying themselves to be called to the Bar, either under the Rules of the Inns of Court of Hilary Term, 1852, or under these Regulations."



Steward's Office of the Inn of which he is a Student, fourteen days in Term before such call.

18. The name and description of every such Student must be sent to the other Inns, and shall also be screened for the same space of time in their respective Halls, Benchers' Rooms, and Treasurers' or Stewards' Offices.

19. No call to the Bar shall take place except during a Law Term ; and such call shall be made on the same day by each of the Inns, namely, on the sixteenth day of each Law Term, unless such day shall happen to be Sunday, and in such case on the Monday after.

20. Four Terms and no more, under any circumstances, may be dispensed with in favour of Students admitted before the 1st January, 1873, and who have come from India or the Colonies with a view to return to residence there, and it is not expedient to dispense with any Terms for such Students except on the following conditions, viz. :—

1. That Students from India do satisfactorily pass an Examination in Hindu and Mahommedan Law, the Indian Penal Code, the Code of Criminal Procedure, the Code of Civil Procedure, the Indian Succession Act, and in such other Codes and Acts as may from time to time become Law in British India ; and, in addition to such Examination, do pass such Examinations, and abide by all such Rules and Regulations as are applicable to Students admitted before the 1st January, 1873, seeking a Pass Certificate, by Examination, for call to the Bar.
2. That Students from the Colonies do pass such an Examination as shall be required by the Council of Legal Education, regard being had by the Council to such Rules and Regulations as were in force before the 1st day of January, 1873, in order to obtain a Certificate of Honour.
3. Provided that each of the four Inns of Court be at liberty to dispense with the above conditions in such very special circumstances as they may think fit, and that such circumstances be stated in the Certificate of Call to the Bar given to every such Student. The Benchers of each Inn, subject to the foregoing limitations, being guided, in the dispensation of Terms, by the circumstances of each particular case.

#### CERTIFICATES TO PRACTISE UNDER THE BAR.

21. No Student is allowed to take out a Certificate to practise under the Bar without the special permission of the Masters of the Bench of the Inn of Court of which he is a Student, to be given by order of such Masters, and no such permission shall be granted to any Student unless he shall be qualified to be called to the Bar, and the regulations, as to screening names in the Halls, Benchers' Rooms, and Treasurers' or Stewards' Offices, applicable to Students desirous of being called to the Bar, shall be applicable to Students desirous of practising under the Bar. Such permission shall be granted for one year only from the date thereof, but may be renewed annually.

#### *Council of Legal Education.*

22. The Council of Legal Education consists of twenty Benchers, five to be nominated by each Inn of Court, of whom four form a quorum. The Members of the Council remain in office for two years, and each Inn has power to fill up any vacancy that may occur in the number of its nominees

during that period. To this Council shall be entrusted the power and duty of superintending the Education and Examination of Students, and of arranging and settling the details of the several measures which may be deemed necessary to be adopted for those purposes, or in relation thereto, and such other matters as are herein in that behalf mentioned.

23. The Council of Legal Education have power to grant dispensations to Students admitted before the 1st day of January, 1872, who shall have been prevented by any reasonable cause from attendance on Lectures or Classes.

*The Committee of Education and Examination.*

24. A permanent Committee of eight members are appointed by the Council, to be called the Committee of Education and Examination, of whom three shall be a quorum. Two members of such Committee, to be selected by the Committee, shall go out of office at the end of two years from the 11th of January, 1873, and two members, to be selected in like manner, shall go out at the end of every succeeding two years. No member going out shall be re-eligible until he has been at least one year out of office.

25. The Committee, subject to the control of the Council, superintends and directs the Education and Examination of Students, and all matters of detail in respect to such Education and Examination; and the Committee, at the end of every year reports to the Council as to the practical working of the scheme during that year.

*Subjects for Instruction.*

26. Students are provided with the means of Education in the general principles of Law, and in the Law as practically administered in this country, and for the purpose of such Education, Systematic Instruction shall be given in the following subjects, viz. :—

Jurisprudence ;  
International Law—Public and Private ;  
Roman Civil Law ;  
Constitutional Law and Legal History ;  
Common Law ;  
Equity ;  
The Law of Real and Personal Property ; and  
Criminal Law.

*Mode of Instruction.*

27. The educational year is divided into three Terms, one to commence on the 1st of November and to end on the 22nd of December, the second to commence on the 11th of January and to end on the 30th of March, and the third to commence on the 15th of April and to end on the 31st of July, subject to a deduction of the days intervening between the end of Easter and the beginning of Trinity Term.

28. Instruction is given by means of Lectures, but the attendance of Students at such Lectures shall not be compulsory.

29. The Council shall, subject to any alteration which may hereafter be deemed necessary, appoint four Professors, viz. :—

- i. One of Jurisprudence, to give instruction in the subjects numbered i., ii., and iii. in Clause 44 of these Regulations.

- ii. One of Common Law, to give instruction in the subjects numbered iv. and vii. in Clause 44 of these Regulations, and in the Law of Evidence ;
- iii. One of Equity ;
- iv. One of the Law of Real and Personal Property.

30. It shall not be compulsory on the Professors to give instruction to Private Classes ; but any Professor who may do so shall be at liberty to receive, in addition to his Salary, fees from the Students who attend his Classes. Attendance of Students at such Classes shall not be compulsory.

31. The Professors shall hold office at the pleasure of the Council, but, as a general rule, shall not be continued in office for a period exceeding three years, unless re-elected.

32. To secure systematic instruction, the Scheme of the Lectures to be given by each Professor shall be submitted to, and approved by, the Committee of Education and Examination, at such times and in such manner as the Committee shall direct.

33. At the Private Classes, instruction shall be given to Students in a more detailed and personal form than can be supplied by Lectures, and also advice and direction for the conduct of their professional studies.

34. The Council may, from time to time, make arrangements for the delivery of occasional Lectures or Courses of Lectures on any legal subject by any of the Professors appointed under these Regulations, or by any other persons.

35. Students, in addition to availing themselves of the means of instruction provided by these Regulations, are recommended to attend in the Chambers of a Barrister or Pleader for the purpose of studying the practice of the Law ; but such attendance shall not be compulsory.

36. Each Professor shall receive a Salary to be fixed by the Council not exceeding One Thousand Guineas a year.

37. The Council shall be at liberty to expend sums not exceeding Five Hundred Pounds a year in Prizes to be given to those Students who have attended the Lectures and passed the best Examinations on the subjects thereof, and also from time to time to appoint (in addition to the Boards of Examiners hereinbefore and hereinafter mentioned) Examiners to conduct such Examinations at an expenditure not exceeding One Hundred Pounds per annum.

#### *Payments by Students.*

38. Each Student shall pay on admission a sum of Five Guineas, which shall entitle him to attend the Lectures of all the Professors so long as he shall be a Student ; and each Student shall be entitled to attend the Private Class (if any) of each Professor on payment of the Fee fixed by such Professor.

#### *The Examiners.*

39. There shall be a Board of six Examiners, to be appointed by and to hold office during the pleasure of the Council ; but no Examiner shall hold office for more than three years consecutively, nor shall he, after he has held office for that period, be re-eligible until he has been at least one year out of office.

40. In every year after the second, two of the Examiners, to be selected by the Council, shall retire.

41. Each Examiner shall receive a Salary of One Hundred and Twenty Guineas a year.

42. Before the appointment of any Examiner, notice shall be given by advertisement or otherwise, as the Council shall direct, inviting Candidates for the office.

43. No member of the Council, and no person who is, or within two years has been, a Professor or Tutor appointed by the Council, shall be eligible as an Examiner.

*The Examinations for Studentships and Call to the Bar.*

44. The subjects for examination shall be the following :—

- i. Jurisprudence, including International Law, Public and Private.
- ii. The Roman Civil Law ;
- iii. Constitutional Law and Legal History ;
- iv. Common Law ;
- v. Equity ;
- vi. The Law of Real and Personal Property ;
- vii. Criminal Law.

45. No Student admitted after the 31st December, 1872, shall receive from the Council the Certificate of fitness for call to the Bar required by the four Inns of Court unless he shall have passed a satisfactory Examination in the following subjects, viz. :—

- i. Roman Civil Law ;
- ii. The Law of Real and Personal Property ;
- iii. Common Law and Equity.

46. No Student admitted after the 31st December, 1872, shall be examined for call to the Bar until he shall have kept nine Terms ; except that Students admitted after that day shall have the option of passing the Examination in Roman Civil Law, required by Rule 45, at any time after having kept four Terms.

47. The Council may accept a Degree in Law granted by any University within the British Dominions as an equivalent for the examination in any of the subjects mentioned in Rule 45, other than Common Law and Equity ; provided the Council is satisfied that the Student, before he obtained his Degree, passed a sufficient Examination in such subject or subjects.

48. There shall be four Examinations in every year, one of which shall be held in sufficient time before each Law Term to enable the requisite Certificates to be granted by the Council before the first day of such Term. The days of Examination shall be fixed by the Committee, and at two of such Examinations, viz., at those to be held next before Hilary and Trinity Terms, there shall be an Examination for Studentships and Honours.

49. The Honours List shall contain two Classes, in both of which the List shall be alphabetical. The Examination for Honours shall be in the subjects mentioned in Clause 44, and no Student shall be entitled to be placed in either Class unless he shall have passed a satisfactory Examination in all the subjects mentioned in Clause 45.

50. As an encouragement to Students to study Jurisprudence and Roman Civil Law, Twelve Studentships of One Hundred Guineas each shall be established, and divided equally into two classes ; the 1st class of Studentships to continue for two years, and to be open for competition to any Student as to whom not more than four Terms shall have elapsed

since he kept his first Term ; and the 2nd class to continue for one year only, and to be open for competition to any Student, not then already entitled to a Studentship, as to whom not less than four and not more than eight Terms shall have elapsed since he kept his first Term ; two of each class of such Studentships to be awarded by the Council, on the recommendation of the Committee, after every Examination before Hilary and Trinity Terms respectively, to the two Students of each set of competitors who shall have passed the best Examination in both Jurisprudence and Roman Civil Law. But the Committee shall not be obliged to recommend any Studentship to be awarded if the result of the Examination be such as, in their opinion, not to justify such recommendation.

51. Each Inn of Court shall bear the expense of the Studentships awarded to its own Students.

52. The Examiners shall submit their Examination Papers to the Committee for approval at such time as the Committee shall direct ; and the standard required for each Class in Studentships and Honours and for Pass Certificates, and the number of marks to be attributed to each paper, shall also be submitted to the Committee for their approval.

53. Previous to each Examination the Committee shall give such notice as they shall think fit of the Books and branches of subjects in which Students will be required to pass at such Examination in order to be entitled to a Certificate under Rule 45.

54. The Examinations shall be partly in writing and partly *vivâ voce*.

55. One Examiner at least shall be present during the whole time of the Examination in writing.

56. The Board of Examiners shall, after each Examination, report the result thereof to the Committee, who shall submit to the Council the names of those Students (if any) who are in their opinion entitled to receive Certificates under Rule 45, or to obtain Studentships or Honours ; and the Inn of Court to which any Student placed in the First Class of Honours shall belong, may, if desired, dispense with any number of Terms, not exceeding two, which may remain to be kept by such Student previously to his being called to the Bar.

57. At every call to the Bar, those Students who have obtained Honours shall take rank in seniority over all other Students who shall be called on the same day.

58. All Students shall be bound by such variations as may from time to time be made in these Regulations.

#### *Common Fund.*

59. The four Inns of Court shall continue their annual contributions of Three Hundred and Sixty Pounds each towards constituting the Common Fund, to which shall be added the several fees for Forms of Admission, and for attending Lectures ; and also the several sums of Five Guineas for each Student, to be paid by the Inns of Court respectively, as additional contributions, pursuant to the Report of the Committee of the four Inns of Court, dated 6th December, 1871 ; and any further money which may, from time to time, be required to enable the Common Fund to meet the charges on it in any year, shall be contributed by the four Inns of Court at the end of such year, rateably and in proportion to the number of Students belonging to the four Inns respectively, who shall in that year have been called to the Bar, or have for the first time obtained permission to practise under the Bar.



FEES ON ADMISSION  
AT GRAY'S INN.

|                                                                       | £    | s. | d. |
|-----------------------------------------------------------------------|------|----|----|
| Admission Document (payable to the Council of Legal Education) ... .. | 1    | 1  | 0  |
| Stamp payable to Government ... ..                                    | 25   | 0  | 0  |
| Bond Stamp, Fees, &c. ... ..                                          | 1    | 6  | 3  |
| Admission to Society ... ..                                           | 5    | 18 | 9  |
| Fellowship Fee on first dining in Hall... ..                          | 1    | 2  | 6  |
|                                                                       | £34  | 8  | 6  |
| Public Lecture Fee (payable to the Council of Legal Education) ... .. | 5    | 5  | 0  |
|                                                                       | £39  | 13 | 6  |
| Deposit ... ..                                                        | 100  | 0  | 0  |
|                                                                       | £139 | 13 | 6  |

FEES, &c., ON CALL.

|                                    | £   | s. | d. |
|------------------------------------|-----|----|----|
| Stamp payable to Government ... .. | 50  | 0  | 0  |
| Bond Stamp, Fees, &c. ... ..       | 0   | 12 | 6  |
| Caution Money... ..                | 8   | 0  | 0  |
| Library Fund ... ..                | 6   | 6  | 0  |
| Miscellaneous ... ..               | 12  | 3  | 10 |
|                                    | £77 | 2  | 4  |

At Gray's Inn there are two Scholarships of the value of 40*l.* and 45*l.* each, tenable for two years, called the Bacon and Holt Scholarships. Also three Scholarships of 60*l.* each, tenable for three years, and styled the Arden Scholarships, and the "Lee Prize" of the annual value of 25*l.*

The Fees in the Middle Temple are as follows, and they are very similar at the other Inns of Court.

The Fee for the Admission Form is 1*l.* 1*s.* This must be obtained prior to admission or examination.

PAYMENTS ON ADMISSION.

|                        | £    | s. | d. |
|------------------------|------|----|----|
| Stamps and Fee ... ..  | 35   | 1  | 3  |
| Public Lectures ... .. | 5    | 5  | 0  |
| *Deposit ... ..        | 100  | 0  | 0  |
|                        | £140 | 6  | 3  |

Fees for the Irish Bar only amount to 10*l.* 1*s.* 3*d.*, but a Certificate of having paid the stamp duty at King's Inns must be produced.

Members of the Scotch Bar, and Members of any of the Universities named in Rule X. of the Consolidated Regulations, are exempt from the

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\* Returnable on death or withdrawal.

above deposit, on production of a Certificate of Membership ; but before call a degree must be taken, or two years' Terms kept at the University, otherwise interest at the rate of 4 per cent. will be charged.

Students who are exempted from the deposit of 100*l.* will be required to execute, *on admission*, a bond in 50*l.*, which must also be signed by either two householders or barristers, as sureties, who must attend in person to execute the bond.

Annual Duties ... .. £1 0 0

Commons are charged at 2*s.* per dinner. The fee for keeping Term is 10*s.*

PAYMENTS ON CALLS.—Stamps and Fee, 87*l.* 10*s.* ; Commutation for Annual Duties of 1*l.*, 12*l.* ; total, 99*l.* 10*s.*

Where a Deposit is made, these Fees are deducted, and the balance returned.

CHARLES SHAW, *Under-Treasurer.*

## INNS OF COURT.

### THE TEMPLE.

*Master.*—Very Rev. C. J. Vaughan. *Reader.*—The Rev. Alfred Ainger.  
*Organist*—Ed. J. Hopkins.

### OFFICERS.

#### LINCOLN'S INN, W.C.

(West of Chancery Lane ; Entrances, Lincoln's Inn Fields, Carey Street, and Chancery Lane.)

*Treasurer.*—J. Dickenson, Q.C.

*Master of the Library.*—Sir John P. de Gex, Q.C.

*Preacher.*—Rev. Henry Wace, M.A.

*Chaplain.*—Rev. C. J. Ball, M.A.

*Librarian.*—John Nicholson.

#### MIDDLE TEMPLE, E.C.

(Southward of Fleet Street, and Eastward and Westward of Temple Bar.)

*Treasurer.*—Sir F. Roxburgh, Q.C.

*Sub-Treasurer.*—Charles Shaw.

*Master of the Garden.*—Hunter Rodwell, Q.C., M.P.

*Master of the Library.*—John Robert Kenyon, Q.C., D.C.L.

*Library Keeper.*—J. H. Hutchinson.

#### INNER TEMPLE, E.C.

(Southward of Fleet Street, and Eastward of Middle Temple.)

### *Benchers.*

*Treasurer.*—Morley Dowdeswell, Q.C.

*Master of the Library.*—Dr. Spinks, Q.C.

*Librarian.*—J. B. Maule, Q.C.

*Sub-Librarian.*—J. E. L. Pickering.

*Sub-Treasurer.*—Henry Hall-Dare.

*Clerk.*—J. H. Milton.

## GRAY'S INN, W.C.

(North of Holborn, opposite Chancery Lane) ; Entrances, 2, High Holborn ; Warwick Court (39, High Holborn) ; King's Road, and Gray's Inn Road.

*Benchers.*

*Treasurer.*—Sir Wm. F. J. Wheelhouse, Q. C.

*Dean of the Chapel.*—Thomas Parker.

*Preacher.*—Rev. Alfred T. Lee, LL.D., D.C.L.

*Reader and Afternoon Preacher.*—Rev. Alexander Taylor, M.A.

*Professor on the Law of Real Property, etc.*—Joshua Williams, Q. C.

*Steward.*—Charles Edmund Banks.

*Chief Clerk.*—Frederick William Musgrave.

*Master of the Library.*—John Archibald Russell, Q. C.

*Librarian.*—W. R. Douthwaite.



## THE LAW SOCIETY OF THE UNITED KINGDOM.

## “LAW INCORPORATED SOCIETY,” CHANCERY LANE.

This Society was instituted in 1833, for the Examination of Candidates for admission on the Roll of Solicitors. An Examination Committee is selected from the Council, of not less than five or more than nine members, and this Committee have such powers in addition to those conferred or imposed on them by the regulations as may from time to time be delegated to them by the Council. The regulations are as follows:—

*Preliminary Examination.*

Four Preliminary Examinations are held in each year, that is to say, one in each of the months of *February, May, July, and October* ; on such days in those months respectively as the Committee may appoint.

*General Exemptions from Preliminary Examinations.*

A certificate of having passed a Preliminary Examination under this Act shall not be required from any person who has taken the degree of Bachelor of Arts or Bachelor of Laws in the Universities of Oxford, Cambridge, Dublin, Durham, or London, or in the Queen's University in Ireland, or the degree of Bachelor of Arts, Master of Arts, Bachelor of Laws, or Doctor of Laws, in any of the Universities of Scotland (none of such degrees being honorary degrees), or who has been called to the degree of Utter Barrister in England, or who has passed the first public examination before Moderators at Oxford, or the previous examination at Cambridge, or the examination in arts for the second year at Durham, or who has passed one of the local examinations established by the Universities of Oxford, or one of the nongremial examinations established by the University of Cambridge, or one of the examinations of the Oxford and Cambridge Schools Examination Board, or one of the matriculation examinations at the Universities of Dublin or London (notwithstanding he may not have

been placed in the first division of such matriculation examination), or the examination for the first-class certificate of the College of Preceptors incorporated by Royal Charter in 1849. The president of the Queen's Bench Division, the Common Pleas Division, and the Exchequer Division of the High Court of Justice, and the Master of the Rolls, or any three of them (the Master of the Rolls being one), may make, and from time to time alter and revoke, regulations extending the above exemption to any persons who pass any examination held in any of the above-mentioned universities or in the Owens College, Manchester, or in any other university, college, or educational institution, and specified in that behalf in the said regulations.

The Preliminary Examination is conducted either by the Examiners appointed under these regulations personally in the Hall of the Society, or in such other place as the Committee may from time to time appoint; or by two local solicitors to be appointed by the Committee, in the following towns or some of them, and at such place or places in those towns as the said local solicitors may in each case specify:—

Birmingham, Bristol, Cambridge, Cardiff, Carlisle, Carmarthen, Chester, Durham, Exeter, Lancaster, Leeds, Lincoln, Liverpool, Manchester, Newcastle-on-Tyne, Oxford, Plymouth, Salisbury, Shrewsbury, Swansea, Worcester, York.

The Preliminary Examinations are on the following subjects, namely:—

1. Writing from dictation. 2. Writing a short English composition. 3. Arithmetic: the first four rules, simple and compound; the rule of three; and decimal and vulgar fractions. 4. Geography of Europe and History of England. 5. Latin—Elementary.

6. And any two languages to be selected by the candidate out of the following six, namely:—(1) Latin; (2) Greek—Ancient; (3) French; (4) German; (5) Spanish; (6) Italian.

At least *five* months before the day appointed for holding any Preliminary Examination, the Committee shall furnish to the Secretary of the Society, or to such other Officer as the Council may direct, a list of the books selected by them for the examination of candidates in the said six languages, and the Secretary or such Officer shall furnish a copy to any person applying for the same.

Every candidate shall, at least thirty days before the date of the Preliminary Examination at which he proposes to be examined, give written notice to the Secretary or such other Officer as the Council may direct, of his desire to be examined, and shall state in such notice the two languages in which he proposes to be examined under these regulations, and the town at which he wishes to be examined, and his age and residence and place or mode of education.

With respect to the examination of candidates at the Preliminary Examination desiring to be examined in the country, papers shall be transmitted by the Committee to the local solicitors appointed by them under these regulations.

The Secretary, or such other Officer as the Council may direct, shall summon the candidates at such times as may be fixed by the Committee, and the said local solicitors shall require the candidates in their presence to write from dictation, as hereinbefore mentioned, and to give written answers to the papers so transmitted; and the said solicitors shall without delay seal up and send to the Committee the writing from dictation and the answers so written.

If the Committee are satisfied as to the proficiency and fitness of a candi-

date at a Preliminary Examination, they shall certify the same in the form of a report to the Council of the result of such examination, and the Council may thereupon resolve that a certificate, signed by the President or Vice-President of the Society, shall be delivered to such candidate.

*Intermediate Examination.*

Four Intermediate Examinations shall be held in each year ; that is to say, one in each of the months of *January, April, June, and November*, on such days in those months respectively as the Committee may appoint.

The Intermediate Examinations shall be held in the Hall of the Society, or in such other place as the Committee may from time to time appoint.

The subjects of the Intermediate Examination shall be such elementary works on the Laws of England as may be from time to time selected by the Committee.

Not later than the month of July in every year the Committee shall furnish to the Secretary, or to such other Officer as the Council may direct, a list of the works selected by them for the examination of candidates in the ensuing year ; and the Secretary or such Officer shall furnish a copy of such list to any person applying for the same.

Every person serving under articles of clerkship shall (subject as herein-after mentioned) present himself at an Intermediate Examination, and shall be examined within the six months next succeeding the day on which he completes half his term of service.

A candidate who fails to present himself at or to pass an Intermediate Examination within the above period may present himself at any subsequent Intermediate Examination ; but if he fails to pass an Intermediate Examination within twelve months next after the date of the expiration of one-half his term of service, his Final Examination shall be postponed for a period equal to the period intervening between the expiration of such twelve months and his passing such Intermediate Examination, or for such shorter period as the Committee may, on the ground of illness, or on other special grounds, direct.

Every Candidate, at least thirty days before the date of the Intermediate Examination at which he proposes to be examined, shall give to the Secretary, or to such other Officer as the Council may direct, written notice of his desire to be examined, and shall leave with the Secretary or such other Officer the articles and any assignment thereof, or supplemental articles, duly stamped and registered, under which the candidate has served or is serving his clerkship, or any portion thereof, together with a certificate of his having passed a Preliminary Examination (unless he shall have been exempted therefrom), and together with answers to the questions in that behalf, signed by the candidate, and by the solicitor or solicitor's London agent, barrister, or special pleader with whom he has served or is serving his clerkship or any portion thereof, or with whom he has been or is a pupil.

The Secretary or such other Officer as aforesaid may, in any case where he thinks proper, refer such answers to the Committee ; and if the Committee, after such inquiries as they see fit, are of opinion that any of such answers are unsatisfactory, they shall certify the same to the Council, and the candidate shall not be permitted to present himself for examination : provided that the Council may in any case, on special grounds, allow the candidate to be examined notwithstanding such answers.



If the Committee are satisfied as to the proficiency and fitness of a candidate at an Intermediate Examination, they shall certify the same in the form of a report to the Council of the result of such examination, and the Council may thereupon resolve that a certificate, signed by the President or Vice-President of the Society, shall be delivered to such candidate.

### *Final Examination*

Four Final Examinations shall be held in each year, that is to say, one in each of the months of *January, April, June, and November*, on such days in those months respectively as the Committee may appoint.

The Final Examinations shall be held in the Hall of the Society, or in such other place as the Committee may from time to time appoint.

The Final Examinations shall be on the following subjects, namely:—

1. Principles of Law and Procedure:—

(a) In matters usually determined or administered in the Chancery Division of the High Court of Justice.

(b) In matters usually determined or administered in the Queen's Bench, Common Pleas, and Exchequer Divisions of the High Court of Justice.

2. Principles of the Law of Real and Personal Property, and the Practice of Conveyancing.

3. The Law and Practice of Bankruptcy.

4. { Criminal Law and Practice.

{ Proceedings before Justices of Peace.

5. The Law and Practice of the Probate and Divorce Division of the High Court of Justice.

Every candidate, at least forty-two days before the date of the Final Examination at which he proposes to be examined, shall give to the Secretary, or to such other Officer as the Council may appoint, written notice of his desire to be examined, stating his place or places of residence and of service under articles for the last preceding twelve months, together with the name or names and place or places of residence of the person or persons with whom he has served during the continuance of his articles; and shall also leave with the Secretary or such Officer the articles and any assignment thereof, or supplemental articles, duly stamped and registered, under which the candidate has served or is serving his clerkship, or any portion thereof, together with certificates of his having passed a Preliminary and Intermediate Examination (unless he shall have been exempted therefrom respectively), and together with answers to the questions in that behalf, signed by the candidate, and also by the solicitor or solicitors, London, agent, barrister, or special pleader with whom he has served his clerkship, or any portion thereof, or with whom he has been a pupil.

The Secretary, or such other Officer as aforesaid, may, in any case where he thinks proper, refer such answers to the Committee; and if the Committee, after such further inquiries as they see fit, are of opinion that any of such answers are unsatisfactory, they shall certify the same to the Council, and the candidate shall not be permitted to present himself for examination: provided that the Council may in any case, on special grounds, allow the candidate to be examined notwithstanding such answers.

If the Committee are satisfied as to the proficiency and fitness of a candidate at a final examination, they shall certify the same in the form of a report to the Council of the result of such examination, and the Council

may thereupon resolve that a certificate, signed by the President or Vice-President of the Society, shall be delivered to such candidate. The Committee may, in their report, recommend any candidate for honourable distinction as they may see proper.

#### *General.*

If any candidate for examination does not present himself at, or fails to pass, any examination at which he has given notice of his intention to present himself, he shall be entitled, on giving at least fourteen days written notice to the Secretary or such other Officer as the Council may direct, and otherwise complying with the requirements of these Regulations, to present himself at any subsequent examination.

Any person claiming the benefit of any exemption or exception in respect of any examination under the Solicitors' Acts, 1843, 1860, and 1877, or under any regulations made in pursuance thereof, shall, before he shall be entitled to the benefit of such exemption or exception, produce to the Secretary, or such other Officer as the Council may direct, a testamur, certificate, Judge's order, or other satisfactory evidence showing his right thereto.

Any person (not being entitled to exemption from the Preliminary Examination) who enters into articles of clerkship shall, before or at the time of producing his articles to the Registrar pursuant to Section 7 of the Solicitors' Act, 1860, produce to the Registrar a certificate of having passed a Preliminary Examination.

Where any allegation is made by the Registrar as to the moral unfitness of any candidate at a Final Examination to be an officer of the Supreme Court, it shall be the duty of the Secretary or such other Officer to refer such allegation to the Committee, who shall take such steps for inquiring into the matter referred to them as they may deem necessary and proper.

If the allegation referred to the Committee is in their opinion proved, the Committee shall report the same to the Council, and the Council may, in their discretion, refuse to grant a certificate to the candidate.

#### REGULATIONS MADE BY CERTAIN OF HER MAJESTY'S JUDGES.

We, the Right Honourable Sir Alexander James Edmund Cockburn, Baronet (Lord Chief Justice of England), the Right Honourable Sir George Jessel (Master of the Rolls), the Right Honourable John Duke Baron Coleridge (Lord Chief Justice of the Common Pleas), and the Right Honourable Sir Fitzroy Kelly (Lord Chief Baron of the Exchequer), hereby, in pursuance of the powers contained in the Solicitors' Act, 1877, *order* as follows:—

1. There shall be paid to the Incorporated Law Society, by persons applying to be examined at a Preliminary, Intermediate, or Final Examination, the following fees (that is to say):—

By every person applying to be examined at a Preliminary Examination a fee of two pounds.

By every person applying to be examined at an Intermediate Examination a fee of three pounds.

By every person applying to be examined at a Final Examination a fee of five pounds.

Every such fee shall be payable to the Secretary of the Society, or such other Officer as the Council may from time to time direct, by the candidate, on giving notice of his desire to be examined at the examination in respect of which the fee is payable. Provided that where a candidate has, before the first day of January, given notice of his desire to be examined at an examination to be held after that day, the fee in respect of such examination shall be payable on or before the 5th day of January.

Where a candidate, after giving notice of his desire to be examined at a Preliminary, Intermediate, or Final Examination, has not presented himself at or has failed to pass such examination, one half only of the prescribed fee shall be payable by him on applying to be examined at a subsequent examination of the same class.

2. In addition to the exemptions contained in section 10 of the Solicitors' Act, 1877, a certificate of having passed a Preliminary Examination under this Act shall not be required from any person who has passed the Junior Students' General Examination in the Owens College, Manchester.

3. Any person who has passed the First Public Examination before Moderators at Oxford, or the Previous Examination at Cambridge, or the Examination in Arts for the second year at Durham, or who has passed in honours at the Entrance Examination at the University of Dublin, or the Matriculation Examination at the University of London [being placed in the first division of such Matriculation Examination], or the Legal Student's Higher Examination in the Owens College, Manchester, may be admitted and enrolled as a solicitor after service under articles of clerkship to a practising solicitor for the term of four years.

A. E. COCKBURN.  
G. JESSEL, M.R.  
COLERIDGE, C.J.  
FITZROY KELLY.

*President*.—J. Moxon Clabon, Esq.

E. W. WILLIAMSON, Esq., *Secretary to the Incorporated Law Society*.

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## THE HONOURABLE SOCIETY OF KING'S INNS, DUBLIN.

### RULES WITH REGARD TO THE ADMISSION OF STUDENTS INTO THE SOCIETY, AND TO THE DEGREE OF BARRISTER-AT-LAW.

#### ADMISSION OF STUDENTS.

I.—Every person applying to be admitted a Student into this Society shall present at the Under-Treasurer's Office, three clear days at the least before the day of term, a memorial in the printed form adopted by the Benchers, which memorial is to be signed and lodged by the person applying to be admitted a Student, and a certificate annexed thereto, signed by a practising Barrister of at least ten years' standing.

II.—Every person applying to be admitted a Student shall pay the sum of one guinea upon application for the form of memorial.

III.—Every person applying to be admitted a Student, on presenting such memorial, shall produce a certificate of having paid at the Stamp Office the stamp duty of twenty-five pounds sterling, and shall also pay to the Under-Treasurer the sum of twenty-two pounds ten shillings, which includes five pounds five shillings for admission to the library, and five pounds five shillings for Professors' fees—the balance being the fee for admission into the Society as a Student.

IV.—Every Student shall, in addition to the sum of five guineas, Professors' fees paid on admission, also pay the sum of five guineas, Professors' fees for every year after the first year, during which he shall attend the lectures of the Professors of the King's Inns; and no Student shall be admitted to attend the lectures of any Professor of the King's Inns except on production of the certificate of the Under-Treasurer that he has paid such fees.

V.—Every person applying to be admitted a Student, who shall be a graduate or undergraduate of any University, or who shall be a Student of any of the Inns of Court in England, having passed the preliminary examination therein, shall be entitled to be admitted a Student without passing a preliminary examination.

VI.—Every other person applying to be admitted a Student shall, before such admission as a Student, pass an examination in the following subjects, viz. :—

Latin:—

Cæsar—Commentaries, Books I. and II.

Virgil—Æneid, Books I. to VI.

Horace—Odes, Book I.; Satires and Epistles.

English History:—

The Student's Hume, or The Abridgment of Lingard's History of England.

English Language and Literature:—

1. English Grammar; Selections from Latham's History of the English Language.

2. The Student's Manual of English Literature

3. Any three of the following subjects, at the Student's election:—

a. Chaucer—Prologue and Knight's Tale (Clarendon Press Series).

b. Spenser's Faërie Queene, Book I. (Clarendon Press Series).

c. Any three of the following Plays of Shakspeare: Julius Cæsar, Macbeth, Hamlet, King John, Henry V., Richard II., Othello, Midsummer Night's Dream, Romeo and Juliet.

d. Milton's Paradise Lost, omitting Books V.—VIII., and the Sonnets.

e. Bacon's Essays: Of Truth, Of Adversity, Of Revenge, Of Atheism, Of Superstition, Of Travel, Of Innovation, Of Nature in Man, Of Building, Of Studies.

f. Dryden—Absalom and Achitophel, and Religio Laici, or The Hind and the Panther.

g. Pope's Essay on Man, and Rape of the Lock.

h. Byron—Childe Harold.

i. Tennyson's lesser Poems, as in edition of 1852, or The Arthurian Legends.

- j.* Johnson's Lives of Milton, Dryden, Pope, and Addison.  
*k.* Macaulay's Essays on Warren Hastings and Lord Clive, or on Frederick II. (of Prussia) and Lord Chatham.

#### KEEPING TERMS.

VII.—Every Student shall keep twelve Terms' Commons—eight Terms' Commons in the Dining Hall of the Society, and four Terms' Commons in one of the Four Inns of Court in London, the last of which twelve Terms may be kept in the Term in which the Student shall apply to be called to the Bar.

VIII.—Every Student shall be enabled to keep terms by dining in the Hall of the Society on two days at least in the Term, one day in the half-week commencing on Monday, and one day in the half-week commencing on Thursday. No day's attendance in the Hall shall be available for the purpose of keeping Term, unless the Student attending shall have been present at the grace before dinner, during the whole of dinner, and until the concluding grace shall have been said.

#### IX.—EDUCATIONAL QUALIFICATIONS.

1. Attendance at one course\* of each of the three Professors of the King's Inns, and one course of either of the Law Professors of Trinity College. This attendance to extend over two years at least. The Student must produce the certificate of the Professor whose lectures he has attended of such attendance, and of having passed the examination at the end of each term of the course.

2. Graduates of the University of Dublin, the Queen's University, Oxford, Cambridge, and London Universities, may qualify for call to the Bar by attending for a year the lectures of two of the Professors of the King's Inns, and in the case of all such graduates, except graduates of the London University, by attending for a year the lectures of two of the Professors of Law in their respective Universities, and passing the examinations (if any) held by the Professors at the end of each course, and in the case of graduates of the University of London, by attending for one year the lectures of two of the Professors of Law in University College, and passing the like examinations if such be held.

3. In addition to Nos. 1 or 2, every Student must pass the General Examination.

X.—No Student shall be allowed to present himself for the General Examination unless he has completed his courses of lectures, and has produced the proper certificates of attendance at the lectures and examinations from the Professors.

XI.—The General Examination required to be passed by all Students before called to the Bar shall be in any four of the following groups of subjects, viz.:—1. Jurisprudence, Civil and International Law; 2. Real Property; 3. Equity; 4. Common Law; 5. History of Law, Constitutional Law, and Criminal Law—of which Jurisprudence, Civil, and International Law must be one. The Prize Examination shall be in all the subjects.†

\* The subjects of the lectures are announced before Hilary, Easter, and Michaelmas Sessions in each year. Three consecutive sessions form a course.

† The rules which regulate the times, place, and subjects of examination are published at least three months before the examination, and can be procured at the Office of the Under-Treasurer.



XII.—There shall be two General Examinations held in each year, one immediately before the November, and another before the April sittings.

XIII.—That it shall be in the power of the Education Committee to grant a Special Examination to any Student on any grounds they may deem sufficient.

XIV.—These rules shall be retrospective in their operation, and all Students who entered after November, 1872, shall be entitled to claim the benefit of them.

XV.—An exhibition of twenty guineas per annum, to continue for a period of three years, shall be conferred on the most distinguished Student at each General Examination; and he shall also be entitled, if so recommended by the members of the Education Committee, to be excused from keeping two of the Terms' Commons in the Dining Hall of the Society, which would otherwise be required for his admission to the Bar.

XVI.—A prize of twenty guineas shall be conferred on the Student obtaining the second position; and he shall also be entitled, if so recommended by the members of the Education Committee, to be excused from keeping one Term's Commons in the Dining Hall of the Society in Ireland, which would otherwise be required for his admission to the Bar.

XVII.—The Benchers, however, reserve to themselves a discretion of withholding an exhibition or prize in case the Education Committee report that they do not consider the answering sufficiently meritorious. The Benchers may give special certificates of honour to Students failing to obtain the first or second prize, where the Education Committee report that the answering of any Students may merit such distinction.

XVIII.—The list of all the Students passing the General Examination, and arranged in order of merit, and stating the exhibitions, prizes, privileges, and distinctions conferred on them, respectively, shall be placed in the Hall of the Four Courts, in the Law Library, and in the Lecture Room of the King's Inns.

XIX.—At any call to the Bar, those Students who have passed the General Examination, and who have obtained exhibitions or prizes thereat, shall take rank in seniority over all other Students who shall be called on the same day, and those who have obtained exhibitions or prizes shall take rank respectively in seniority, according to the rank and date of the exhibitions or prizes obtained by them.

XX.—The Students intending to present themselves at the General Examination shall give in their names at the Under-Treasurer's Office, seven clear days before the day of holding such Examination.

#### CALLING TO THE BAR.

XXI.—Every Student, having complied with the foregoing rules, desiring to be admitted to the degree of a Barrister-at-Law, and being of the full age of twenty-one years, shall present a memorial, in the printed form adopted by the Benchers, at the Under-Treasurer's Office, three clear days at the least before the first day of Term; said memorial to be signed by the Student himself; the certificate annexed thereto to be signed by a practising Barrister of at least ten years' standing, and the declaration at foot thereof by a Benchers.

XXII.—Every Student so applying for admission to the degree of a Barrister-at-Law shall, on presenting his said memorial, pay to the Under-Treasurer the sum of forty pounds, being the payment to the Society

thereon, and lodge at the same time a certificate of having paid fifty pounds stamp duty at the Stamp Office, certificates of having complied with the requisites prescribed by Rule IX., and a certificate of having kept the requisite number of terms from one of the Inns of Court in England.

#### OFFICERS.

*Treasurer.*—Hon. Judge Townshend, LL.D.

*Under Treasurer.*—John D. O'Hanlon, B.L.

*Librarian.*—James MacIvor, M.A.

*Assistant-Librarian.*—Martin Haverty.



## PART VI.

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PAGE 513. OUR UNIVERSITY LOCAL AND HIGHER LOCAL EXAMINATIONS.

THE COLLEGE OF PRECEPTORS AND BIRKBECK LITERARY  
AND SCIENTIFIC INSTITUTION. THE SCHOOLS EXAMINATION  
BOARD AND OTHER ASSOCIATIONS FOR THE ADVANCEMENT  
OF EDUCATION.

„ 550. OUR SCHOOLS OF SCIENCE.

„ 582. OUR SCHOOLS OF ART.

„ 601. OUR SCHOOLS OF MUSIC.

„ 625. THE HERALDS' COLLEGE.

„ 627. THE ROYAL GEOGRAPHICAL SOCIETY.



# EXAMINATIONS.

THE

## OXFORD AND CAMBRIDGE AND OTHER LOCAL EXAMINATIONS, AND HIGHER LOCAL EXAMINATIONS.

### INTRODUCTORY REMARKS.

The Local Examinations were instituted in 1858, by Oxford and Cambridge Universities, to supply a common test of attainment both for pupils of public schools and for those privately educated.

In the year 1869, and also in 1875, the compiler of this volume published two works, entitled the "Oxford and Cambridge Local Examination Record," wherein he tabulated the returns, showing at a glance what each school had done yearly, thereby giving the total results of fifteen years' Examinations. Copies of these works are still to be obtained.

The first "Local Examinations" for persons "not members of the University," were held by the University of Oxford in June, 1858, and by the University of Cambridge in the following December. Subsequently other Universities followed the examples of Oxford and Cambridge, and "Local Examinations" are now also held by the Universities of Durham, Dublin (for women only), London (for women), Edinburgh, and the Queen's University in Ireland. These Examinations are conducted at various "centres" throughout the country, by means of printed papers set by a central body of Examiners, and worked by the Candidates in the presence of Superintending Examiners appointed by the Universities. Oxford holds an Examination where a Local Committee is "prepared to undertake all those expenses which are occasioned by the Examination being *local*;" and Cambridge, where twenty-five fees, at least, are guaranteed. To meet the local expenses (of providing room, stationery, etc.), which are borne by the local Committees, a "local fee," which varies at the different centres, is charged to each candidate, in addition to the University fees. For the first seven years the Cambridge Local Examinations were open to boys only; but in 1865 girls were admitted also; and after the scheme, as regards girls, had been tested for three years, it was made permanent. The Universities of Oxford, Durham, and Edinburgh have also similarly extended their Local Examinations. The conditions of examination, subjects, etc., are alike for boys and girls, but Cambridge does not publish the *names* of girls when friends do not desire such publication, merely giving the *numbers* by which candidates are known in the examination. The system pursued by each University in carrying out its Local Examinations is, *in the main*, the same; but while the other Universities award Certificates only, Oxford and the Queen's University in Ireland confer the title of "Associate in Arts" upon successful *Senior* Candidates, and Durham that of "Literate." "The Student's Guide to the University of Cambridge" says:—

"Oxford confers on those who pass the Senior Examination the title of Associate in Arts, and on the Juniors merely a Certificate; Cambridge gives a Certificate only to both classes. Oxford does not allow the fact that a Student has passed the Theological part of the Examination to be stated on the Certificate, unless he has been examined in the Prayer Book; Cambridge



does allow it. Oxford arranges the Candidates in the First Class in order of merit, the rest alphabetically; Cambridge arranges all alphabetically, but adds lists of those who have specially distinguished themselves. *Oxford now also sets special books in languages for the Senior Examination*; Cambridge does, but adds also some passages from other books than those set."

As showing the valuable influence which these Local Examinations exercise, it may be mentioned that while, at the first Oxford Local Examination in 1858, only 430 Candidates were successful out of 1,151 who were examined, in the year 1882 the number of successful Candidates was 1,283 out of 2137 examined. The results of the Cambridge Local Examinations are still more remarkable. In 1858, Cambridge held its Examinations at eight "centres" only, and the total number of students examined was but 370, of whom 217 gained Certificates; in 1882 there were 118 "centres," including Jersey, Trinidad, and Mauritius, and the number examined was 7,640, of whom 4,000 passed.

In 1882 the Cambridge examinations were held in December at 118 centres for boys and 104 for girls. Of the former, Bishop Auckland, Burnley, Chigwell, Hereford, Hoxton, Isle of Man, Jamaica, Leicester, Maritzburg, Rochester, Spalding, Truro, Woolwich, and Wrexham; and of the latter, Barnes, Burnley, Hoxton, Isle of Man, Leicester, Maritzburg, Richmond, Rochester, Sevenoaks, Silcoats, Spalding, Totteridge-park, Truro, Woolwich, and Worcester-park were new centres. It appears that in 1878 there were entered 3,329 junior boys, 1,483 junior girls, 626 senior boys, and 997 senior girls, making a total of 6,435. In 1882 the corresponding figures were 3,926 junior boys, 1,793 junior girls, 648 senior boys, and 1,273 senior girls—total, 7,640. In 1882, of the 3,668 junior boys examined, 31·6 per cent. passed in honours, 41 per cent. not in honours, making a total passed per cent. of 72·6; the failures being 27·4 per cent. Of the 1,740 junior girls examined 23·6 passed in honours, 47·9 not in honours; the total number passed was 71·5, while the total failures were 28·5. Of the 605 senior boys examined 26 per cent. passed in honours, 31·7 per cent. not in honours—57·7 per cent. total passes, while the total failures were 42·3 per cent. Of the 1,238 senior girls examined 13 per cent. passed in honours, 48 per cent. passed not in honours. The total passed was 56 per cent., while the total failures were 44 per cent.

According to the twenty-fifth annual report of the Oxford delegates under the statute *De Examinatione Candidatorum qui non sunt de Corpore Universalis* for the year 1882, which has just been issued by the Clarendon Press, the following information is given:—"The local examinations for the year 1882 began on the 5th of June, and were held at 35 centres, at 25 of which boys were examined, and at six boys only, and at four girls only. The number of candidates examined was 2,137, viz., 1,426 Juniors, and 711 Seniors. Of these, 822 Juniors and 461 Seniors passed, making a total of 1,283." In 1883 the number of candidates who presented themselves for examination were as under:—

|                                                              |       |
|--------------------------------------------------------------|-------|
| 320 Senior Boys ; 340 Senior Girls ; 10 Musical Candidates . | 670   |
| 858 Junior Boys ; 361 Junior Girls . . . . .                 | 1,219 |

|                 |       |
|-----------------|-------|
| Total . . . . . | 1,889 |
|-----------------|-------|

This shows a decrease of 461 Candidates in the last two years, viz. :—

1881—Seniors 767, Juniors 1,575; total 2,342.

1882—Seniors 711, Juniors 1,426; total 2,137.

1883—Seniors 670, Juniors 1,219; total 1,889.

## OXFORD LOCAL EXAMINATIONS.

### OXFORD UNIVERSITY LOCAL EXAMINATIONS FOR BOYS AND GIRLS.

These Examinations commence in June 1884. Candidates are examined in Oxford, and in such other places as the Delegates may appoint. An application to have a place appointed should come to the Delegates from the Local Committee, such Committee being prepared to guarantee the payment of £25, in case the fees paid by the Candidates should fall below that sum, and to undertake all expenses distinctly local. Application to be made before the 1st Feb., 1884. For Examinations in Oxford the forms may be obtained from G. E. Baker, Esq., Clarendon Buildings, Oxford. From other places from the Local Secretaries. No printed form will be issued at any place after April 8th, and no Candidate's name will be received at any place after April 15th.

#### EXAMINATION OF JUNIOR CANDIDATES.

(For Certificates.)

Any person of either sex born on or after July 1st, 1868, may be received as a Candidate. No one born before that day can be received.

The Subjects of Examination will be supplied by any of the Local Secretaries.

#### EXAMINATION OF SENIOR CANDIDATES.

(For the Title of Associate in Arts.)

Any person of either sex born on or after April 30th, 1866, may be received as a Candidate. No one born before that day can be received.

The Subjects of Examination will be supplied by any of the Local Secretaries.

Girls may be examined at any place where boys are examined, and at such other places as the Delegates may appoint. But in every case the Delegates must first be satisfied,

1. That there is a Local Committee of ladies, who will efficiently superintend the examination of the girls ;
2. That such Committee will see that girls who do not live in the place find suitable lodging and accommodation ;
3. That the examination room for girls is quite separate from the room or rooms intended for the boys.

Printed Forms, on which Candidates are to make application, will be prepared by the 1st of March, and may be obtained until Saturday, 7th of April, after which date none will be issued. The Forms for Junior and Senior Candidates are distinct.

For the following places Forms may be obtained from the respective Local Secretaries, whose names are subjoined ; from whom also copies of these Regulations and other necessary information may be procured.

Girls may be received for Examination in Oxford and at those centres which are marked with \*.

\*Bath (Boys)—H. D. Skrine, Esq., Guildhall ; F. Ernest Shum, Esq., 3, Union Street. (Girls) Mrs. Jeffery, 9, Norfolk Crescent.

\*Bedford (Girls)—Mrs. Verey, 10, The Crescent.

\*Birmingham—G. W. Hickman, Esq., 20A, Temple Row.

\*Boston—G. Wise, Esq.

- \*Brighton (Boys)—Barclay Phillips, Esq., 75, Lansdowne Place. (Girls) Mrs. H. Martin, 5, Powys Square.
- \*Bristol (Girls)—Miss S. Alleyne, 2, Litfield Place, Clifton.
- \*Cheltenham (Girls)—Mrs. J. A. Owen, The Beeches, Suffolk Square.
- Chipping Campden—Rev. J. Foster, The Grammar School.
- \*Crystal Palace (Girls)—Mrs. Robert Hardwicke, School of Art, Science, and Literature, Crystal Palace, S.E.
- Downside—Rev. H. E. Ford, St. Gregory's College, Downside, Bath.
- Gloucester—Rev. C. Naylor, Crypt Grammar School.
- \*Harrogate (Boys)—S. Atkinson, Junr., Esq., West Cliff, Cold Bath Roads. (Girls) Mrs. Punshon, 3, Belvoir Place, Robert Street.
- \*Leeds—Rev. Dr. Henderson, the Grammar School.
- \*Leicester—C. R. Crossley, Esq.
- \*Lincoln—Rev. W. W. Fowler, School House.
- \*Liverpool (Boys)—E. F. Evans, Esq., Orrell Park, Aintree. (Girls) Miss M. Calder, 49, Canning Street.
- \*London (Boys)—H. A. Tilley, Esq., 42, Queen Square, Bloomsbury. (Girls) Miss Vernon, Carlton Hill, N.W.
- \*Lytham (Boys)—E. R. Lightwood, Esq., Pembroke House School. (Girls) Miss Macdonald, Harwood House.
- \*Manchester (Boys)—Rev. T. C. Skeggs, 14, Fitzwarren St., Pendleton. (Girls) Mrs. Donner, Anson Road, Victoria Park.
- \*Margate—Rev. G. Bruce Rhind, Westbrook House.
- \*Nottingham—Rev. G. Herbert, University School.
- \*Preston (Boys)—Rev. A. B. Beaven, Grammar School; W. M. Maddox, Esq., Grammar School. (Girls) Miss Walsh, High School for Girls.
- \*Reigate—F. G. Johnson, Esq., The Grammar School.
- \*Rugby (Boys)—H. T. Roades, Esq., Clifton Road. (Girls) Miss Sharp, Horton House.
- \*Salisbury (Boys)—Rev. H. J. Morton, The Close. (Girls) Miss Fawcett, The Close.
- \*Southampton (Boys)—Rev. J. L. Carrick, Spring Hill. (Girls) Miss Wilberforce, The Deanery.
- Southwark—T. J. Beckwith, Esq., St. Olave's Grammar School.
- Stratford-on-Avon—R. B. Curry, Esq., Trinity College School.
- \*Streatham Hill—B. Hawkins, Esq., St. Anne's School, Streatham Hill, S.W.
- \*Swansea (Boys)—G. S. Davies, Esq., 2, St. James's Terrace. (Girls) Mrs. Reid, 2, Glanmer Terrace.
- \*Taunton (Boys)—Mr. Reginald Barnicott, Parade. (Girls) Miss Gibson, The Crescent.
- \*Thame—G. Plummer, Esq., Thame Grammar School.
- \*Truro—Rev. G. L. Church, Chacewater Vicarage, Cornwall.
- Warwick—Rev. W. Grundy, King's Grammar School.
- \*Watford—Rev. H. W. Russell, London Orphan Asylum.
- West Buckland—Rev. J. H. Thompson, West Buckland, South Molton.

The Printed Forms, duly filled up, must be returned to the several Local Secretaries by April 15th. No Candidate's name will be received at any place after that date.

FEES.—Every Junior Candidate is required to pay a Fee of 20s., every Senior Candidate 30s. These Fees (together with the Local Fee, if any) are to be paid to the Local Secretaries by April 15th. No Fee can be

returned under any circumstances, or be carried to the credit of a Candidate at a subsequent Examination.

G. E. BAKER, Secretary to the Delegacy.

The Delegates are prepared to undertake the Examination of Schools. Applications should be made to the Secretary not less than two months before the day on which it is desired that the Examination should commence.

## EXAMINATION OF WOMEN.

### REGULATIONS FOR THE YEAR 1883-4.

The condition restricting the Examinations to Women over Eighteen Years of age has been removed.

The Examinations will consist of a First Examination and a Second Examination. The subjects required to be studied for each Examination can be obtained of any Local Secretary. These cannot be passed by any Candidate in the same calendar year. No Candidate will be admitted to the Second Examination unless she has passed the First, or some other Examination accepted by the Delegates as equivalent.

At present the Delegates accept as equivalent—the Matriculation Examination of the University of London (*or* the General Examination for Women) : the Cambridge Higher Local Examinations, if the Candidate has passed in Group C and with distinction in two languages of Group B : the Oxford Senior Local Examinations, if the Candidate has passed in Section C, and with the special recommendation of the Examiners in two languages of Section B : The Examination for Certificates of the Oxford and Cambridge Schools Examination Board, if the Candidate has passed in two subjects of Group I and in Elementary Mathematics.

The First Examination will be held in June and December 1884.

The Second Examination will be held in June 1884 only.

Candidates for the Examinations to be held in June may be examined, with consent of the Local Secretary and upon payment of the Local Fee (if any), at any of the places appointed for the Local Examination of Girls, except London. Candidates for the Examination to be held in December will be examined in Oxford only. Printed forms of entry for the Examinations to be held in June may be obtained from G. E. Baker, Esq., Clarendon Building, Oxford, on and after February 1st, and must be returned to him with the Fees, those for the Second Examination on or before March 3rd, and those for the First Examination on or before April 14. Forms for the First Examination, to be held in December, may be obtained in the same way on and after Oct. 1st, and must be returned with the Fees on or before November 1st.

The Fees payable will be for the First Examination, or for the Examination in the Rudiments of Faith and Religion, £2 ; and £2 10s. for the Pass Examination, or for the Examination for Honours. No Fee can be returned under any circumstance, or be carried to the credit of a Candidate at a subsequent Examination.

## OXFORD UNIVERSITY EXAMINATION OF SCHOOLS.

The Delegates are prepared to undertake the Examination of Schools. Application for such Examination should be made to G. E. Baker, Esq., Clarendon Buildings, Oxford, not less than two months before the day on which it is desired that the Examination should commence.



## UNIVERSITY OF CAMBRIDGE

REGULATIONS FOR LOCAL EXAMINATIONS 1883-4, AND FOR  
THE EXAMINATION OF SCHOOLS.

Attention is called to the extension of age for admission to the Examination for Junior Students.

There will be two Examinations, commencing on Monday, December 17, 1883, at 2 P.M., one for Junior and one for Senior Students, superintended by Examiners appointed by the University. Every one entered for the Examination will be required to pay a fee of twenty shillings to the University.

A Local Committee, with a Local Secretary, should be formed in any place where an Examination is desired, and they should communicate early with the Rev. G. F. Browne, St. Catharine's College, Cambridge, the Secretary to the Syndicate. The final application for an Examination at a new centre must be made before September 1st, 1883, and must guarantee the payment of twenty-five fees at the least.

At centres for the Examination of Girls there must be a Local Committee of Ladies, one of which will act as Secretary. The room for Examination must in ordinary cases be separated from that of the Boys.

The Local Committee is expected to give efficient assistance to the presiding Examiner in the superintendence of the Examination. Information for the guidance of Local Secretaries and Committees can be obtained on application to the Secretary of the Syndicate.

Forms of Entry will be prepared by August 15, and must be obtained from the Local Secretary of the place at which the Student desires to be examined. Each application must state whether Forms for Senior or Junior Students are required, with the probable number of either.

The Forms, duly filled up and signed, must be returned to the same Local Secretary (not to the General Secretary) on or before October 1. With them must be remitted the fees, viz., the University fee of £1 for each Candidate, and the Local fee charged by the Committee at the place of Examination.

No fees can be returned. If notice of withdrawal be given more than 14 days before the Examination, the Student can enter in another year without further fee to the University, subject to the usual conditions of age, but must apply for a fresh form of entry.

The names of the Boys who pass with credit will be placed alphabetically in three Honour classes. The names of those who pass to the satisfaction of the Examiners, yet not so as to deserve Honours, will be placed alphabetically in two classes. After the name of every Boy will be added his place of residence, the school (if any) from which he comes to attend the Examination, and the name of his Schoolmaster. Separate lists will also be given of those Boys who may specially distinguish themselves in particular parts of the Examination, and in these lists the Boys will be arranged in order of merit. *The names of those who are admitted to the Examination for Juniors between the ages of 16 and 17 will be placed in a list by themselves, in alphabetical order, not in any class of Honours.* Similar classes and lists will be drawn up for Girls, but the names of those who do not request that their names may appear will not be given.

The classes of Honours are determined solely by the total number of



marks obtained by the Student. No marks will be given in any paper, unless the Student shows enough knowledge to satisfy the Examiners in that paper. Regard will be paid to handwriting and spelling.

The Students who pass with credit or satisfy the Examiners will receive Certificates to that effect. A Student who barely satisfies the Examiners in the minimum number of subjects may be rejected on the ground of general weakness. Every Certificate will specify the subjects in which the Student has passed with credit or satisfied the Examiners, and the class obtained, if any.

Students are desired to observe that in case of disobedience to any of the Regulations made for the conduct of the Examination the Certificate may be refused.

### EXAMINATION OF JUNIOR STUDENTS.

No one born before Dec. 15, 1867, can be admitted as a Junior Student under the ordinary conditions. Those born on any of the days from Dec. 15, 1866, to Dec. 14, 1867, both inclusive, can be admitted to the Examination for Junior Students under the condition printed on p. 518 in italics. These dates being determined by a Grace of the Senate, no application for a relaxation can be attended to.

#### PART I. PRELIMINARY.

Every Student will be required to satisfy the Examiners in (1) Reading aloud a passage from some standard English prose author.—(2) Writing from dictation.—(3) English Grammar, including the parsing and analysis of sentences.—(4) Arithmetic.

A certain number of marks will be assigned to handwriting.

#### PART II.

The Examination will comprise the subjects mentioned in the eight sections. Particulars of the subjects in each section and group will be forwarded by any Local Secretary ; and every Student will be required to satisfy the Examiners in at least two sections not in the same bracket, but no one will be examined in more than six. At least one of the four subjects of Section I must be taken by all Students, unless their parents or guardians object to their Examination in that section ; for Students who enter for only one of the four subjects, this Section will not count as one of the maximum number of six Sections allowed.

### EXAMINATION OF SENIOR STUDENTS.

No one born before Dec. 15, 1865, can be admitted as a Senior Student. This being determined by a Grace of the Senate, no application for a relaxation can be attended to.\*

#### PART I. PRELIMINARY.

Every Student will be required to satisfy the Examiners in English Grammar, including parsing and the analysis of sentences ; the principles and practice of Arithmetic.

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\* Persons who *bonâ fide* intend to become Candidates for the Degree of Bachelor of Music (Cambridge) or Medical Students can be admitted above the age of 18, but they will neither be placed in the Class List nor receive the usual Certificate. The Syndicate will inform the Registrar of the University and of the General Medical Council and the Royal College of Surgeons of the success of such Candidates.

## PART II.

The Examination will comprise the subjects mentioned in the nine sections. Particulars of the subjects in each section will be supplied by any Local Secretary ; and every Student will be required to satisfy the Examiners in three at least of the Sections marked A, B, C, D, E, F ; or in two of them, and in one of the sections marked G, H : but no one will be examined in more than five of the sections marked A, B, C, D, E, F. At least one of the five subjects of Section A must be taken by all Students, unless their parents or guardians object to their examination in that section ; for Students who enter for only one of the five subjects, this Section will not count as one of the maximum number of five Sections allowed.

No Student can take two papers set at the same time in the Time Table.

## LOCAL SECRETARIES AT THE CENTRES OF EXAMINATION.

## CENTRES NOT IN THE LONDON POSTAL DISTRICT.

- Banbury—H. Stone, Esq. (Girls) Miss S. F. Clarke, The Horse Fair.  
 Basingstoke—Rev. A. F. Rutty, Queen's School. (Girls) Mrs. Rutty.  
 Batley—Rev. L. S. Calvert, The Grammar School.  
 Beaumaris—S. D. Orme, Esq., School House.  
 Bedford—Rev. R. B. Poole, Failand. (Girls) Mrs. Poole.  
 Bedford County School—The Head Master.  
 Birmingham (Girls)—Miss J. K. Davies, 224, Hagley Road, Edgbaston.  
 Bishop Auckland—E. K. Limoelan, Esq. (Girls) Mrs. Limoelan.  
 Bishop Stortford—Rev. G. Porter, Farnham, near Bishop Stortford. (Girls) Miss A. Hodson.  
 Blackpool (South Shore)—T. Ward, Esq., Arnold House.  
 Bloxham—Rev. P. R. Egerton, All Saints' School.  
 Bolton—W. W. Cannon, Esq., Jun., 8, Acresfield. (Girls) Mrs. Cannon, 221, Belmont Road.  
 Brighton—Barclay Phillips, Esq., 75, Lansdowne Place. (Girls) Mrs. Henry Martin, 5, Powys Square.  
 Bristol—Rev. R. W. Southby, 4, Royal Park, Clifton, Bristol. (Girls) Mrs. Killigrew Wait, St. Vincent's Hall, Clifton.  
 Burnley—Rev. R. H. Giles, 16, Piccadilly Road. (Girls) Mrs. Brown, Bank Parade.  
 Burton-on-Trent—J. L. Lowe, Esq., 5, Horninglow Street. (Girls) Miss Rutty, Alsop's Girls' School.  
 Bury St. Edmunds—Rev. E. J. Griffiths, 65, Southgate Street.  
 Cambridge—Rev. A. E. Humphreys, Trinity College. (Girls) Mrs. Robert Burn, St. Chad's, Newnham.  
 Cardiff—R. W. Griffith, Esq., The Old House, Llandaff. (Girls) Mrs. F. C. Birkbeck Terry, The College, Cardiff.  
 Carlisle—S. Cartmell, Esq., 81, Castle Street.  
 Casterton, Kirkby Lonsdale (Girls)—Rev. F. J. Armitage, Vicarage.  
 Caversham—E. West, Esq., Caversham, near Reading.  
 Cheadle Hulme—Rev. D. H. Jordan, Cheadle Hulme, near Stockport. (Girls.)  
 Chester—J. E. Henderson, Esq., 75, Lower Bridge Street. (Girls) Miss Brown, Richmond Bank.  
 Coventry—A. Seymour, Esq., 11, Priory Row. (Girls) Mrs. Gulson, Priory Row.  
 Croydon (Girls)—Mrs. Rice Byrne, Grange House, Upper Norwood.

- Denbigh—S. Edwards, Esq., The Grammar School. (Girls) Miss Williams, 53, Vale Street.
- Derby—Rev. R. Hey, St. Andrews. (Girls) Miss Longdon, Osmaston Road.
- Dorchester—Rev. T. R. Wright, County School. (Girls) Mrs. Aldridge, Shirley House.
- Dover—Dr. Parsons, 2, St. James' Street. (Girls) Mrs. Wise, 1, Priory Gate Terrace.
- Eastbourne—Rev. R. V. Faithfull Davies, Ingoldsthorp, The Cliff. (Girls) Miss K. Deacon, Burnham House, Grange Road.
- Elmham—Rev. W. Watson, Elmham, Dereham.
- Exeter—W. J. Petherick, Esq., Southernhay. (Girls.)
- Folkestone—Rev. E. Heel. (Girls) Mrs. Badham, Girls' Collegiate School.
- Framlingham—The Head Master, Albert College.
- Gainford—J. S. Charles, Esq., Gainford, Darlington. (Girls) Mrs. Homfray.
- Gravesend—Rev. M. M. Finch, The College, Northfleet.
- Guernsey—Mrs. J. Ozanne, Eaton Place.
- Halifax—Rev. F. E. Millson, Brackenbed Grange. (Girls) Mrs. Nathan Whitley, Greenroyd.
- Harrogate—R. H. Davis, Esq., Regent's Parade. (Girls) Miss M. Hopkins, 6, Granby Terrace.
- Hastings—J. Stewart, Esq., 22, Queen's Road. (Girls) Mrs. Halley Stewart, Park Mansion, St. Leonards.
- Hereford—The Head Master, County College.
- Huddersfield—J. Yeoman, Esq., Yorkshire Bank Chambers. (Girls) Miss Lowenthal, Bellevue House.
- Hull—Robert Jameson, Esq., Queen's Dock. (Girls) Miss Bond, 4, Crown Terrace, Anlaby Road.
- Huntingdon—Rev. F. W. Crick, Grammar School. (Girls) Mrs. Vesey, Castle Hill House.
- Ipswich—E. Fison, Esq., Burlington Road. (Girls) Miss M. Gower, Nova Scotia House.
- Isle of Man—Rev. E. Ferrier, Castletown.
- Jersey—Rev. F. de Gruchy, 13, Duhamel Place, St. Helier. (Girls) Miss M. Lawrell, 3, Belgrève Terrace, St. Luke's.
- Keighley—T. Carrodus, Esq., School of Science.
- Kidderminster—Rev. L. B. Penley, St. John's, Stourbridge. (Girls) Mrs. Penley.
- Lancaster—Rev. H. F. Smith, Queen Square. (Girls) Mrs. H. F. Smith.
- Launceston—B. Ralph, Esq., Dunheved College; Rev. W. S. Johns, Grammar School. (Girls) Miss S. Ching, Hendra House.
- Leamington—A. Riches, Esq., Brunswick Collegiate School. (Girls) Miss Amphlett, 3, Clarendon Crescent.
- Leeds—Professor Ransome, The Yorkshire College, Leeds. (Girls) Mrs. Stephen Marshall, Weetwood Hall, Leeds.
- Leicester—Rev. James Went, The Schools. (Girls) Miss Leicester, The Schools.
- Liverpool—E. F. Evans, Esq., Borrowdale, Orrell Park, Aintree. (Girls) Miss M. M. Calder, 49, Canning Street.
- Loughborough—J. B. Colgrove, Esq., Grammar School. (Girls) Miss E. C. Dugdale, Girls' Grammar School.
- Lynn Regis—Rev. J. B. Slight. (Girls) Mrs. R. H. Aldham, King Staithe Square.
- Maidenhead—Rev. E. de Ewer, Craufurd College.

- Malvern—H. Wilson, Esq., Malvern Link. (Girls) Miss Piper, The Hollies, Albert Park.
- Manchester—C. H. Beever, Esq., Egerton Lodge, Withington; Rev. J. M. Elvey, Cathedral. (Girls) Miss A. Donner, Anson Road, Victoria Park.
- Mansfield—Rev. E. Johnson, The School House.
- Margate—E. Foord-Kelcey, Esq., 2, Hawley Street. (Girls.)
- Middlesbro'—R. L. Kirby, Esq., Linthorpe, Middlesbro'.
- Milton Mount College—Miss S. Hadland, Milton-on-Thames, Kent.
- Monkton Combe, Bath—R. B. Bryan, Esq.
- Newcastle-on-Tyne—A. Goddard, Esq., School Board Offices. (Girls) Mrs. John Spencer, 4, Fenham Terrace, Jesmond; Miss A. Adamson, 7, Windsor Crescent, Jesmond.
- Newcastle (Staffs.)—F. E. Kitchener, Esq., School House. (Girls) Mrs. Kitchener.
- Newport, Salop—E. Hodges, Esq., Edgmond Hall.
- Newton Abbot, S. Devon—Rev. G. T. Warner, The College.
- Northampton—Rev. W. Bury, Harleston.
- Norwich—Rev. Hinds Howell, Drayton Rectory. (Girls) Miss M. A. Howell, Drayton Rectory.
- Oswestry—M. S. Forster, Esq. (Girls) Mrs. Forster.
- Plymouth—H. P. Prance, Esq., 7, Athenæum Terrace. (Girls) Miss Tubbs, 2, Alton Terrace, Plymouth.
- Probus—Rev. R. Blackmore, Probus School.
- Ramsgate—Rev. H. L. Fry, 5, Codrington Road.
- Reading—Theodore H. White, Esq., Castle Hill School. (Girls) Mrs. C. F. Tanner, Adelaide Cottage, Carnarvon Road.
- Ripon—The Head Master, The Grammar School. (Girls) Miss Hart, 1, Princess Road.
- Rochester—Rev. Dr. Bailey, Upnor.
- Saffron Walden—Rev. R. M. Luckock. (Girls) Miss Luckock.
- Salisbury—Rev. H. T. Morton, The Close. (Girls) Miss Fawcett, The Close.
- Saltaire—Miss Fyfe, Sunny Bank, Shipley, Yorkshire.
- Scarborough— (Girls) Miss Balgarnie, Westbro' Lodge.
- Sevenoaks (Girls)—Miss Unwin, Walthamstow Hall.
- Sheffield—B. Greaves, Esq., 20, Norfolk Row. (Girls) Miss Keeling, 267, Glossop Road.
- Sherborne—J. C. Cooper, Esq., Foster's School. (Girls) Mrs. Lyon, Vicarage.
- Silcoates—Rev. J. R. Wolstenholme, South Parade, Wakefield.
- Slough—R. H. Hill, Esq., British Orphan Asylum. (Girls) Miss M. Moss, British Orphan Asylum.
- Southampton—Rev. J. L. Carrick, Spring Hill. (Girls) Mrs. Wilberforce, The Deanery.
- Southport—Dr. Porter, Kensington House, Roe Lane. (Girls) Miss Ryley, Grosvenor Road, Birkdale.
- Southsea—Rev. J. S. Blake, St. Jude's. (Girls) Miss Evans, Cambrian House, Grove Road.
- Spalding—Rev. A. Harre, Grammar School. (Girls) Mrs. Harre.
- Stamford—Rev. E. B. Cooper, The School, St. Paul's Street. (Girls) Miss Monro, St. Martin's.
- Stoke-on-Trent—The Ven. Sir L. T. Stamer, Bart. Cliffville.
- Taunton—Rev. H. P. Knapton, Taunton College School.

- Teignmouth—A. W. Godby, Esq. (Girls) Mrs. Metcalfe, West Teignmouth.  
 Torquay—C. J. Harland, Esq., The Castle. (Girls) Miss E. Coleridge, Eldon Lodge.  
 Totteridge Park, Herts—John Prosser, Esq.  
 Trent—Rev. T. F. Fenn, Trent College, Notts.  
 Truro—Rev. G. L. Church, Chacewater, Scorrier. (Girls) Miss Bramston, Waterloo.  
 Wakefield—J. S. Stollard, Esq., Grammar School. (Girls) Miss Allen, The High School.  
 Wellingborough Grammar School—The Head Master.  
 West-Buckland—Rev. J. H. Thompson, West Buckland, Southmolton, N. Devon.  
 Weston-super-Mare—J. J. Ranson, Esq., 1, South Parade.  
 Weymouth—Rev. J. Miller, 18, Royal Terrace. (Girls) Mrs. Andrews, Lansdowne.  
 Wimborne—The Head Master, The Grammar School. (Girls) Mrs. Batterbury.  
 Windsor—W. H. Harris, Esq., Clewer House.  
 Wolverhampton—W. Barford, Esq., Queen Street. (Girls) Miss Mander, The Mount.  
 Worcester—Rev. Joseph Potts, Berkeley Hospital. (Girls) Mrs. Potts.  
 Worcester Park (Surrey)—Mrs. Robson, St. John's.  
 Wrexham—Bernard Lewis, Esq.  
 York—Rev. John Hey, Clifton Lawn. (Girls) Miss S. Richardson, 35, Bootham.

CENTRES IN THE LONDON POSTAL DISTRICT.

- Barnes—Miss Beale, Hillersdon House.  
 Bayswater (Girls)—Miss C. Vincent, 5, Upper Porchester St., Edgware Road, W.  
 Blackheath—J. R. Berry, Esq., 65, Blackheath Hill, Kent, S.E. (Girls) Miss Westall, Claverton Lodge, Belmont Park, Lee.  
 Charing Cross (Girls)—Miss Davies, 17, Cunningham Place, N.W.  
 Chigwell—Rev. R. D. Swallow, The School House.  
 Ealing—R. N. Shore, Esq., Osterley Lodge, Spring Grove, Isleworth. (Girls) Miss Edwards, St. Vincent's Lodge, Hanwell, W.  
 Finchley—Rev. R. W. Gallop, The College.  
 Hackney (Girls)—Mrs. Piton, Leven House, Oak Lane, East Finchley.  
 Hatcham, S.E.—W. J. Spratling, Esq., Aske's Schools. (Girls) Miss Connolly, Aske's Schools.  
 Hoxton, N.—R. W. Hinton, Esq., Haberdashers' Hoxton Schools. (Girls) Miss Powell, Haberdashers' Hoxton Schools.  
 Islington (Girls) Mrs. Budden, 15, Canonbury Park North, London, N.  
 Leicester Square—J. F. Arnold, Esq., Abp. Tenison's School.  
 London, Main Centre—Robert St. John Corbet, Esq., 10, Portman Street, W.  
 Mill Hill—T. A. Fison, Esq., Hendon.  
 Notting Hill—Miss Jones, High School for Girls, Norland Square, W.  
 Regent's Park (Girls)—Miss J. T. Ridley, 19, Belsize Park, Hampstead, N.W.  
 Richmond—Dr. Roberts Law, 3, Lichfield Terrace. (Girls) Miss Harding, 66, Church Street.  
 St. John's Wood and Hampstead (Girls)—Miss Swan, 2, Belsize Terrace, N.W.  
 Sydenham (Girls)—Mrs. R. Hardwicke, Schools of Art, Crystal Palace.



Tottenham—Rev. H. McSorley, St. Paul's Vicarage.  
 West Ham, E. (Girls)—Miss Rowdon, High School for Girls.  
 Willesden—T. Harley Jones, Esq., 15, Finsbury Circus, E.C. (Girls)  
 Mrs. Brooke, Dunhallion Tower, Stonebridge Park, Willesden.  
 Woolwich—The Head Master, High School for Boys. (Girls) The Head  
 Mistress, High School for Girls, Cambridge Place, Plumstead, S.E.

#### COLONIAL CENTRES.

Auckland (New Zealand)—Rev. C. M. Nelson, M.A., St. Paul's.  
 Barbados—H. Deighton, Esq., Harrison's College.  
 Ceylon—The Director of Public Instruction, Colombo.  
 Demerara—E. Percival, Esq., Queen's College of British Guiana, George  
 Town.  
 Graaf Reinets, Cape of Good Hope—Dr. Dall, The College. (Girls) Miss  
 Hall.  
 Jamaica—H. Priest, Esq., Jamaica Institute, Kingston.  
 Maritzburg, Natal—R. Russell, Esq., Education Office.  
 Mauritius—The Head Master, Royal College.  
 Ootacamund, Madras—H. Croley, Esq., The Grammar School.  
 Trinidad—The Head Master, Queen's Royal College School.  
 Wellington (New Zealand)—K. Wilson, Esq., The College.

#### SCHOLARSHIPS AND PRIZES.

St. John's College offers a Sizarship, together with 30*l.* per annum for two years, to the best Senior Candidate who shall have obtained the mark of distinction in both Pure and Applied Mathematics; and a like prize for the best Candidate who shall have obtained the mark of distinction both in Latin and in Greek. Any Student who accepts such offer must obtain admission to the College without delay, and commence residence before the age of 19 years. If the holder of one of these Sizarships obtains an open Scholarship at St. John's, he will be allowed to retain the 30*l.* for the two years.

A Scholarship of 35*l.* for two years (to be continued for a third year if the Student is making satisfactory progress), and the Birmingham Scholarship of 35*l.* for one year, are offered by Newnham College to the best Candidates among the Senior Girls in the first class. The recipients must pursue their studies at Newnham College, Cambridge.

The Trustees of the Reid Fund offer a Scholarship of 30 guineas per annum, entitling the holder to free instruction at Bedford College, London, for seven terms, and 15 guineas per annum towards payments in the College Boarding-house, to a Candidate in the first or second class of Senior Girls. There are three terms in each year.

The Syndicate will give prizes to the four Candidates who pass the best Examination among the Senior and Junior Boys and the Senior and Junior Girls, 12*l.* to each of the two Seniors, and 8*l.* to each of the two Juniors.

The following prizes for girls are offered by private donors:—5*l.* for the best Candidate in Political Economy; two guineas for the best Senior and for the best Junior Candidate in Mathematics, if they obtain distinction.

The Council of the Royal Geographical Society offer two silver medals, one for the best Senior in Physical Geography (Section F, division *k*), and one for the best Senior in Political Geography (Section B, division *b*). These medals will not be given if there are no candidates of sufficient merit.

The London Association of Schoolmistresses offer prizes of 5, 3, and 2

guineas to the three Senior Girls, and of 3 and 2 guineas to the two Junior Girls, who stand first in Latin.

### CAMBRIDGE UNIVERSITY EXAMINATION IN EDUCATION.

The University of Cambridge holds Lectures and an Annual Examination in the History, Practice, and Theory of Education. For particulars apply to O. Browning Esq., King's College.

### CAMBRIDGE UNIVERSITY LOCAL LECTURES SYNDICATE.

The University of Cambridge sends Lecturers to such towns as have made application for them. The course consists of twelve lectures, and each lecture is preceded or followed by a "class," when questions are asked by the Lecturer and the audience, and written answers to previous questions are examined. The usual subjects are Literature, History, Natural Science, Political Economy.

*Secretary*—Rev. G. F. BROWNE, St. Catherine's College.

### CAMBRIDGE TEACHERS' TRAINING SYNDICATE.

1. An Examination of Teachers in the Theory, History, and Practice of Teaching is held at Cambridge, and in London, in June, for persons who have completed the age of 20 before June in that year, and certificates will be awarded to those who have passed the Examination satisfactorily.

2. No Candidate can be admitted to the Examination unless he or she have either

1. Graduated in some University of the United Kingdom, or passed the Examination for Licentiate in Arts at St. Andrews.

Or 2. Satisfied the Examiners in Parts I. and II. of the Previous Examination.

Or 3. Obtained a certificate in one of the Higher Local Examinations of the Universities of Oxford or Cambridge.

Or 4. Obtained the certificate of the Oxford and Cambridge Schools Examination Board in the subjects accepted by the University as equivalent to Parts I. and II. of the Previous Examination.

Or 5. Satisfied the Examiners in one of the Senior Local Examinations of the Universities of Oxford, Cambridge, or Durham, in English and at least one language, ancient or modern, and in Euclid and Algebra.

[Women who have passed the Senior Local Examination may qualify by passing a separate Examination in Euclid and Algebra.]

Or 6. Passed the Examination for Matriculation at the University of London.

3. The subjects of Examination are :

(1) The Theory of Education.

(a) The scientific basis of the Art of Education.

(b) Elements of the Art of Education.

(2) The History of Education in Europe since the Revival of Learning. The special subjects for 1884 will be Milton's Tractate on Education, and the Life and Work of Froebel.

(3) The Practice of Education. This subject will consist of two parts :

(a) Method, that is, the order and correlation of studies, oral teaching and exposition, the right use of text-books and note-books, the art of examining and questioning, and the best methods of teaching the various subjects which are included in the curriculum of an ordinary school.

- (b) School management. The structure, furniture, and fitting of school-rooms, books and apparatus, visible and tangible illustrations, classification, distribution of time, registration of attendance and progress, hygiene, with special reference to the material arrangements of the school and the conditions of healthy study.

One paper will be set on each of the subjects (1), (2), (3). A fourth paper will be set containing a small number of questions of an advanced character on each of the three subjects.

A fee of £2 10s. shall be paid to the Syndicate by each candidate.

4. The Syndicate further award certificates of practical efficiency in teaching to candidates who have already obtained a certificate of theoretical efficiency, and have been engaged in school work for a year in some school or schools recognized for this purpose by the Syndicate. The bases for the certificate of practical efficiency will be :

- (1) Examination of the class taught by the candidate.
- (2) An inspection of the class while being taught.
- (3) Questions put to the teacher in private after the inspection.
- (4) A report made by the Head Master or Mistress.

5. The Syndicate will also be ready to inspect in the summer of 1884 any College established for the training of teachers other than elementary, and to award certificates of theoretical knowledge to such candidates as may deserve them. They will also be prepared to examine the students of such Colleges with a view to awarding certificates of practical efficiency, if they are satisfied with the duration and character of the training in practical work received by the candidates.

*Secretary of the Syndicate*—OSCAR BROWNING, King's College, Cambridge.

### SEPTEMBER EXAMINATION.

This Examination is intended principally for Students who desire exemption from the Cambridge Previous Examination and the Preliminary Examination required by the Medical Council. The Regulations can be obtained from the Secretary to the Syndicate.

### HIGHER LOCAL EXAMINATIONS.

The Regulations for these Examinations for men and women above the age of 18 can be obtained from the Secretary to the Syndicate.

### EXAMINATION AND INSPECTION OF SCHOOLS.

1. Application for the Examination of a School under the regulations of the University must be made to the Syndicate at least two months before the proposed date of the Examination through the Secretary, the Rev. G. F. Browne, St. Catharine's College, Cambridge.

The Subjects of Examination of each class will be those taught them in the School, and may extend to the following : Divinity, English, Latin, Greek, French, German, Mathematics, Natural Sciences, Drawing, Music.

The Report of the Examiner or Examiners will specify the state of proficiency of each several class, and the general state of the whole School ; and will name if required the student in each class who passes the best Examination. This Report will be made to the Syndicate, and will be communicated by them to the Head Master or Governors of the School. If the Report is printed by the authorities of the School, a copy must be sent to each Examiner and to the Secretary to the Syndicate.

The fee charged for the Examination will not be less than £10, for which amount three days' work partly in oral examination and partly in looking over answers will be undertaken. The Examiner will be required to be present two full days at least. If the number of students, the extent of the subjects, and the amount of paper-work require a longer time or more Examiners, then for each additional day for each Examiner fees to the amount of £3 per diem will be charged. A "day" is taken to mean about  $7\frac{1}{2}$  hours' work.

The travelling and hotel expenses of the Examiners, and the expense of printing examination papers, if any, must be entirely defrayed by the School.

When two or more Schools in the same neighbourhood are examined in immediate succession, the expenses will be apportioned between them; and the minimum fee may be derived from more than one School in the same neighbourhood.

2. The Syndicate is prepared to send a practised Examiner to inspect parts or the whole of a School.

#### LOCAL LECTURES.

Information may be obtained from the Secretary to the Syndicate, Rev. G. F. Browne, St. Catharine's College.

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## REGULATIONS FOR THE HIGHER LOCAL EXAMINATIONS IN 1884.

There will be an Examination in June 1884, open to all persons who have completed the age of 17 years before July 1st, 1883, or have obtained a First, Second, or Third Class in the Senior Local Examinations.

Candidates will be examined in such places as the Syndics appointed by the University may determine.

A Local Committee, with a Local Secretary, should be formed in any place where an examination is desired, and they should communicate early with the Rev. G. F. Browne, St. Catharine's College, Cambridge, the Secretary to the Syndicate. The final application for an examination at a new centre must be made before April 1st, 1884, and must as a rule guarantee the payment of twenty fees at the least.

1. Every one admitted to examination will be required to pay a fee of forty shillings. After a Candidate has passed in any group, or in Arithmetic, the fee in any subsequent year will be twenty shillings. The amount of the local fee charged at each centre to meet local expenses is fixed by the Local Committee.

2. No Candidate can obtain a certificate who has not satisfied the Examiners in one of the two groups B, C. The further conditions on which a certificate may be obtained are as follows:—

For an Honour Certificate, a Candidate either must (a) satisfy the Examiners in elementary Arithmetic and in three of the eight groups R, A, B, C, D, E, F, H (R and F not counting as two groups for this purpose), and obtain a First or Second Class in two of these eight groups, or (b) having obtained a First, Second, or Third Class in the Local Examinations for Seniors must

obtain a First or Second Class in two of the groups R, A, B, C, D, E, F, H (R and F not counting as two groups for this purpose). Particulars of the subjects of examination in each group may be obtained from any Local Secretary.

For an ordinary Certificate, a Candidate must satisfy the Examiners in elementary Arithmetic and in three of the groups R, A, B, C, D, E, F, H (R and F not counting as two groups for this purpose).

Students who in June, 1883, or in any previous year have passed in Arithmetic or in any group, may complete their certificates in 1884 and 1885 according to the regulations in force up to June, 1883.

3. An Honour Certificate admits to Tripos Examinations members of Girton and Newnham Colleges who have resided during a sufficient number of terms, provided the Student has passed in group B and group C.

4. Candidates may take the groups in which they wish to be examined in any order and in successive years. If a candidate passes in any group, or in Arithmetic, though not in a sufficient number of groups for a certificate, this will be recorded and will count towards a certificate in any subsequent year.

5. Candidates who have passed in any group may be examined a second time in that group.

6. The candidates who pass with credit in each group will be placed alphabetically in two honour classes; those who pass to the satisfaction of the Examiners, yet not so as to deserve honours, will be placed alphabetically in a third class. The names of those who request that their names may not appear will not be published. If a candidate is specially distinguished in particular parts of the Examination, the fact will be notified on the certificate. After the examination, notice of the result will be sent to each candidate through the local secretaries.

7. When two or more papers are placed at the same hour in the timetable, no candidate can take more than one of them.

The following local secretaries will furnish information to candidates. Examinations are held at the centres marked with a \*.

\*Birmingham—Rev. E. F. MacCarthy (Men), King Edward's School; Mrs. Sargant, 1, Rotton Park Road, Edgbaston.

\*Bradford—Mrs. W. Claridge, 16, Fairfield Road, Manningham.

\*Brighton—Mrs. Henry Martin, 5, Powys Square; Barclay Phillips, Esq., 75, Lansdowne Place.

\*Bristol—Mrs. Ramsay, 31, Apsley Road, Clifton; Miss Edith Wilson, School House Clifton College.

\*Cambridge—Miss J. Kennedy, The Elms.

\*Cheltenham—Mrs. Fenn, Christ Church Lodge.

\*Croydon—Mrs. Rice Byrne, Grange House, Upper Norwood.

Ealing—Miss Edwards, St. Vincent's Lodge, Hanwell, W.

Eton—Rev. E. Hale, The College.

\*Exeter—W. J. Petherick, Esq., 8, Southernhay.

Falmouth—Mrs. Howard Fox, Rosehill.

\*Leeds—Mrs. Stephen Marshall, Weetwood Hall, Leeds.

\*Liverpool—Miss M. M. Calder, 49, Canning Street.

\*London—Hampstead, Mrs. Arthur Wilson, Elm Lodge, Hampstead Heath, N.W. Main Centre, R. St. J. Corbet, Esq. (Men), 10, Portman Street, W.; Miss Prideaux, Goldsmiths Hall, E.C.

\*Manchester—Mrs. Donner, Victoria Park; Hon. Mrs. Atkinson, Longsight.



Middlesbro'—R. L. Kirby, Esq., Linthorpe ; Mrs. Taylor, West Newlands.

\*Newcastle-on-Tyne—Mrs. Christopherson, The Grammar School.

\*Newcastle, Staffs.—Mrs. Kitchener, School House.

Northumberland—Miss Carr, Dunston Hill, Gateshead.

\*Norwich—Miss H. M. Crowther, Sunnyside, Albemarle Road.

\*Nottingham—Mrs. H. A. Morley, Sherwood Rise.

\*Plymouth—Miss James, 2, Woodside.

\*Ripon—Miss Roser, The High School, Skellfield.

\*Rugby—Mrs. H. Lee Warner.

Sheffield—Miss Keeling, 267, Glossop Road.

Southport—Miss Ryley, Grosvenor Road, Birkdale.

\*Sydenham—Mrs. Hardwicke, Literary Department, Crystal Palace.

\*Teignmouth—Mrs. Wooldridge Godley, Orchard House.

\*Winchester—Miss Davids, 8, St. Peter's Street.

Wolverhampton—Miss Mander, The Mount.

York—Miss Swaine, 1, The Crescent.

Printed forms of entry may be obtained on March 25th from the Local Secretary of the place at which the Candidate desires to be examined. The forms, duly filled up and signed, must be returned to the same Local Secretary on or before April 20th. With them must be remitted the fees, viz., the University fee and the local fee charged by the Committee at the place of Examination.

No fees can in any case be returned ; but if notice of withdrawal be sent to the Local Secretary at the centre more than 16 days before the examination, the sum paid will be allowed to stand to the Candidate's credit for a future examination. Candidates who have withdrawn must apply for a fresh form of entry, and return it on or before April 20th, in the year in which they wish to be examined.

The class lists are issued about the middle of August, and the report is issued about the end of October. The Examination Papers are published immediately after the examination.

The subjects of examination in the different groups are forwarded on application to any Local Secretary.

### SCHOLARSHIPS, PRIZES, &c., FOR WOMEN ONLY.

With a view to meeting the actual expenses of examination of women who are engaged in tuition as a profession, or are preparing for that profession, the sum of 5*l.* each will be given by the Syndicate to the five Candidates fulfilling these conditions who are placed highest in order by the Examiners in June.

The Council of Newnham College offer the following Scholarships:—One of 50*l.* a year for two years, given by the Goldsmiths' Company ; one of 50*l.* a year for two years, given by the Clothworkers' Company, to be held by a student whose resources are inadequate to defray the expenses of residence at Newnham College ; one of 50*l.* a year, given by the Drapers' Company, to be held by a student preparing for the profession of teaching. These three Scholarships will be awarded either (1) for success in two of the groups A, B, C, E, H, provided one at least of the two be B or C ; or (2) for distinguished success in two languages of group B (of which one must be Latin or Greek) or in group C or in group E. Also the Cobden Scholarship of 50*l.* a year for two years, given by Mrs. Winkworth, for distinguished success in group D (including distinction in Political Economy),

a preference being given to Candidates who have taken honours in group B or group C. These Scholarships will not, generally speaking, be awarded to Candidates who have already resided as students for two or more terms, unless they have fulfilled the conditions as to examinations required by the University before admission to a Tripos Examination. Any of these Scholarships, if gained by a Candidate who has not yet commenced residence, will be continued to her for a third year, if she be preparing for a Tripos Examination and have a reasonable prospect of obtaining honours. In all cases the performance, if any, in the preceding year, will be taken into account in awarding the Scholarships. Also one or more Scholarships of 35*l.*, for one year, for success in any of the groups A, B, C, D, E, or H to candidates who have not yet commenced residence, and who have not gained one of the larger Scholarships. The recipients of the Scholarships must reside at Newnham College, Cambridge, during the academical terms while they hold the Scholarships. Further information can be procured on application to Mrs. Henry Sidgwick, Newnham College, Cambridge.

A Scholarship of the value of 60*l.* a year for three years, tenable at Girton College, Cambridge, is offered for proficiency in Latin, credit being also given for knowledge of Greek and Mathematics. The Scholar will be required to commence residence at Girton College in October, 1883, under conditions which may be learned on application to the Secretary of the College, Miss Kensington, 22, Gloucester Place, Hyde Park, London, W. The award of the Scholarship may be postponed till the following year, in case no candidate of sufficient merit should present herself.

Candidates for the above gratuities or for the Scholarships must give notice in writing to the Local Secretary at the centre at which they are to be examined before the end of the examination.

Communication respecting instruction by correspondence should be addressed to Mrs. Peile, Trumpington, Cambridge.

The Lowman Memorial Prize will be awarded to the candidate who stands highest in group A among those who are engaged in or are preparing for the work of tuition.

A prize of 5*l.* is offered by a private donor for the best candidate in Religious Knowledge, and a prize of 3*l.* for the best candidate in Italian.

A prize of 20*l.* has been offered by a member of the Senate for the best Essay on the following subject:—Adam Smith's theory of the proper economic functions of government, examined in the light of subsequent economic history. The prize will be open to all women who shall have passed the examination in group D. The Essays must be sent in under cover to the Secretary on or before November 30th, 1882, and will be returned to the Candidates if the name and address are written on the Essay. The successful Candidate in former years may compete, but no Candidate can obtain the prize twice with an Essay on the same subject.

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# OXFORD AND CAMBRIDGE SCHOOLS.

## EXAMINATION BOARD.

### MEMBERS OF THE BOARD.

#### *Chairman.*

B. Jowett, M.A., Vice-Chancellor of the University of Oxford.

#### *Vice-Chairman.*

Rev. J. Porter, D.D., Vice-Chancellor of the University of Cambridge.

#### OXFORD.

The Master of Balliol.  
The Master of University.  
Professor Bartholomew Price.  
Professor H. J. S. Smith.  
J. E. T. Rogers, M.A., Worcester.  
W. Esson, M.A., Merton.  
Alfred Robinson, M.A., New.  
W. W. Jackson, M.A., Exeter.  
The Principal of Jesus.  
The President of Trinity.  
The Warden of Wadham.  
D. B. Monro, M.A., Oriel.

#### CAMBRIDGE.

Professor Liveing.  
H. Jackson, M.A., Trinity.  
J. Peile, M.A., Christ's.  
James S. Reid, M.L., Christ's.  
The Master of Clare.  
The Master of Caius.  
Professor A. F. Kirkpatrick.  
O. Browning, King's.  
A. Austen Leigh, M.A., King's.  
B. E. Hammond, M.A., Trinity.  
W. D. Niven, M.A., Trinity.  
G. W. Prothero, M.A., King's.  
C. H. Prior, M.A., Pembroke.

#### *Secretaries.*

E. J. Gross, M.A., Caius College, Cambridge.

J. S. Lockhart, M.A., Hertford College, Oxford.

Articles of Agreement were signed on the 8th November, 1873, between the Schools Examination Delegacy of the University of Oxford and the Schools Examination Syndicate of the University of Cambridge, by which, in accordance with the provisions hereinafter named, the Schools Examination Delegacy of the University of Oxford and the Schools Examination Syndicate of the University of Cambridge should act in concert.

1. A Board, consisting of all the members of the Delegacy and of the Syndicate, shall be called "the Oxford and Cambridge Schools Examination Board." The Board has power—

- (a) To make regulations respecting its own proceedings; the time and place of its first meeting being settled by arrangement between the Vice-Chancellors of the two Universities.
- (b) To appoint a standing Committee, composed of not less than four of its members, an equal number being nominated by the Delegacy and the Syndicate respectively, and to assign to the Committee such duties as it may think fit.
- (c) To assign to the Secretaries, who are to be appointed by the Delegacy and the Syndicate respectively, such duties and salaries as it may think fit.
- (d) To make regulations respecting the examination of Schools and the duties and remuneration of Examiners, and to appoint Examiners upon the nomination of the Delegacy and the Syndicate respectively, provided that as far as possible an equal number of Examiners shall be appointed from each University.

- (e) To make regulations respecting the granting of Certificates to persons examined under its authority, such Certificates to be granted under such conditions, as regards the persons who are to be admitted as candidates, as may be approved by the Delegacy and the Syndicate ; provided that, so long as the Board grants Certificates only to boys at school, it shall be competent either to the Delegacy or to the Syndicate, acting separately, to examine and grant Certificates to other candidates.
2. The Board shall every year draw up a report of its proceedings, which shall be presented by the Delegacy and the Syndicate to their respective Universities.
3. Either the Delegacy or the Syndicate shall be at liberty at any time to withdraw from the Board after giving a year's notice.

### EXAMINATION OF SCHOOLS (BOYS' AND GIRLS').

A School Examination, held under the authority of the Board, shall be of one or more of the following kinds :—

- (a) Such an Examination in the general work of the School, extending either to the whole School, or to portions of the School to be selected with the approval of the Board, as will enable the Examiners to report generally upon the School work.
- (b) Such an Examination in any main subject of instruction, extending either to the whole School, or to portions of the School to be selected with the approval of the Board, as will enable the Examiners to report on the standard reached in that subject.
- (c) Such an Examination of the highest division of the School as will enable the Examiners to report upon the general work of that division, and, if required, to place the boys in order of merit, and to award exhibitions, scholarships, and prizes.

Applications to the Board for the appointment of Examiners shall specify the kind or kinds of Examination desired by the authorities of the School.

In conducting an Examination of the first or second kinds, the School Examiners may avail themselves of the assistance of Masters of the School in such manner as may be approved by the Board. Examinations of the third kind shall, if the statutes of the School permit, be conducted exclusively by the Examiners appointed by the Board. In all Examinations such arrangements shall be made by the authorities of the School for the supervision of the Candidates as shall be satisfactory to the Board. The Head Master shall be responsible to the Board for carrying out such arrangements.

### EXAMINATION OF GIRLS.

The published Regulations of the Board with respect to the Examination of Boys shall be extended to the Examination of Girls, and the Regulations for the Examination of Lower Forms and for Lower Certificates will be supplied by either of the Secretaries on application.

[This Examination is adapted for Candidates of sixteen years of age.]

The Certificates awarded for the "Leaving Examination" by the Oxford and Cambridge Schools Examination Board are of the highest value. The standard of Examination will be better realized when it is known that it is adapted for boys leaving School at eighteen years of age, and that holders of the Certificates are exempt, under certain conditions, from the Matricula-

tions, the Responsions or Little-go at Oxford and Cambridge, the preliminary examinations of the Royal College of Surgeons, the Medical Council, Incorporated Law Society, and also the qualifying examinations for the Army and for Woolwich. Of 694 candidates who entered in all parts of the country in 1883, only 377 have been awarded certificates.

In the year ending October 31, 1882, Examinations were held under the authority of the Board at sixty Boys' Schools.

#### EXAMINATION OF SCHOOLS.

Five Schools have been examined this year which were not examined in the previous year, viz. Doncaster Grammar School ; Harrow School ; St. Edward's School, Oxford ; Sedbergh School ; and Weymouth College.

Twelve of the Schools examined in the preceding year have not been examined in the past year, viz. Brighton College ; The Grocer's Company's School, Clapton ; St. Chad's College, Denstone ; Derby School ; Edgbaston Proprietary School ; Leamington College ; Newcastle (Staffs.) High School ; Repton School ; Sherborne, King's School ; Wantage Grammar School ; St. Edmund's College, Ware ; and Woburn Park School.

Examinations were also held at twenty-three Girls' Schools, viz.—

|                                        |                                                    |                                   |
|----------------------------------------|----------------------------------------------------|-----------------------------------|
| 1. Bedford, French Protestant College. | 13. High School for Girls, Highbury and Islington. |                                   |
| 2. Clifton High School.                | 14. " "                                            | Ipswich.                          |
| 3. Edgbaston High School.              | 15. " "                                            | Kensington.                       |
| 4. Wantage, St. Mary's School.         | 16. " "                                            | Liverpool.                        |
| 5. High School for Girls, Bath.        | 17. " "                                            | Maida Vale.                       |
| 6. " " Blackheath.                     | 18. " "                                            | Norwich.                          |
| 7. " " Brighton.                       | 19. " "                                            | Nottingham                        |
| 8. " " Clapham.                        | 20. " "                                            | Notting Hill                      |
| 9. " " Croydon.                        | 21. " "                                            | Oxford.                           |
| 10. " " Dulwich.                       | 22. " "                                            | Sheffield.                        |
| 11. " " Gateshead.                     | 23. " "                                            | South Hamp-                       |
| 12. " " Hackney.                       |                                                    | stead (formerly St. John's Wood). |

The nineteen last named are among those established by the Girls' Public Day School Company, Limited.

The number of Girls' Schools examined in the previous year was twenty-four.

In the Examination for Certificates held in December, 1881, and July, 1882, there were in all 734 Candidates (709 boys and 25 girls), of whom 385 obtained Certificates and 140 obtained distinction in one or more subjects. Out of the 734 Candidates, 140 had already obtained Certificates in a former Examination ; and of these 70 gained a Certificate with distinction in the present year.

In the previous year there were 731 Candidates, of whom 366 obtained Certificates, and 132 passed with distinction in one or more subjects.

Full particulars of the Regulations for the Examination of Schools will be supplied on application to either of the Secretaries.





## ABERDEEN UNIVERSITY LOCAL EXAMINATIONS.

These Examinations are held in June, either in Aberdeen or at any other place where six or more Candidates are prepared to come forward. Application from each local centre to be made to the Secretary not later than the 31st March. Candidates receive, on application to the Secretary, a printed Schedule, to be returned at least one month before examination, stating (1) place of their education for the last two years, and (2) subjects chosen by them for their examination.

There are three separate examinations. (1) Preliminary Examination (fee 7s. 6d.), this must first be passed by all Candidates, but may be taken in the same year with the examination for either of the certificates; (2) Ordinary Certificate Examination (fee 12s. 6d.); and (3) an Honour Certificate Examination (fee 1l.); the last two examinations being on subjects selected by Candidates.

Full particulars of the subjects set for each examination will be supplied by the Secretary.

There are three Scholarships given by the Aberdeen Ladies' Educational Association to the three highest Candidates for Certificates, viz., 6l., 5l., and 4l. Professor Pirie, Secretary.

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## ABERDEEN UNIVERSITY HIGHER CERTIFICATE FOR WOMEN.

Candidates must pass in three or more of the following subjects:—(1) English Language and Literature; (2) Latin Language and Literature; (3) Greek Language and Literature; (4) French Language and Literature; (5) German Language and Literature; (6) History of England; (7) Logic and Psychology; (8) Moral Philosophy; (9) Mathematics; (10) Natural Philosophy; (11) Chemistry; (12) Physiology; (13) Botany; (14) Zoology; (15) Biblical Literature. The Examination takes place in June, and application must be made to the Secretary by the 31st March in each year.

Candidates passing in more than three subjects receive a separate certificate for each additional subject after the first three.

There is an examining fee of one guinea for each subject. Professor Pirie, Secretary.

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## DUBLIN UNIVERSITY EXAMINATION FOR WOMEN.

These Examinations are held before Easter, at any place where a Ladies' Superintending Committee shall be formed, on payment of a fee of 10l., in addition to the University and Local Fees. Candidates are

supplied by the Local Secretary with a *form* which should be filled up and returned before the 10th March. There are three Examinations which may be attended at intervals of one or more years. No one can obtain a Junior Certificate who shall have completed her 18th year before the 1st January of the year in which she offers herself for examination. There are no limits of age for Candidates at the other examinations.

The subjects of the first or Junior Examination, of the second or Intermediate Examination, and the third or Senior Examination, will be sent to Candidates on application to the Registrar.

*Certificates.* Successful Candidates are placed according to merit in three classes.

Certificates of Honour are given to such Candidates at ordinary Senior Examinations as shall be placed in the first class.

The Fees are : University Fee, 1*l.*; Local Fee, 5*s.*; total, 1*l.* 5*s.*

There are Scholarships and Prizes awarded annually. These in full detail and all the regulations may be obtained of the Registrar, J. W. Barlow, M.A.



## DURHAM UNIVERSITY EXAMINATION OF NON-MEMBERS OF THE UNIVERSITY.

The Examinations for both Junior and Senior Candidates take place at Durham in June. Branch Examinations may be held in other places upon conditions to be determined on by the Warden and Senate. Junior Candidates must be under 16, and Seniors under 18. Candidates must send in their names early in May with certain Certificates. The Fee is 1*l.* The Examinations consist of four divisions, and a separate Certificate is given for each of the four Examinations. The subjects required in each division will be supplied by the Examining Secretary. Scholarships, Exhibitions, and Prizes are awarded.

For further information application may be made to the following persons :—Durham, A. Beanlands, Esq., Examination Secretary; Andrews & Co., Booksellers. Newcastle, Rev. R. A. Thompson. Sunderland, Rev. C. Collingwood, Southwick Parsonage.

For information respecting the Girls' Examination, application may be made to Mrs. E. Spence Watson, Bensham Grove, Gateshead.



## EDINBURGH UNIVERSITY LOCAL EXAMINATIONS.

These Examinations take place in June. In 1882 they were held in forty-two centres, a Local Secretary being appointed at each place. The Board of Examiners grant Junior and Senior Certificates. The subjects of Examination are in three classes, viz., Preliminary subjects (all to be taken), Special subjects (selected by Candidates), and Extra subjects

(not compulsory). Candidates will be examined in Edinburgh; but a Local Centre will be established for any district undertaking to send up not fewer than six Candidates. Printed forms on which to make application, and particulars of all the subjects required at each Examination, may be obtained of the Secretaries. Candidates holding an Honour Certificate, if ladies, are exempted from the Entrance Examination at Girton College, Cambridge, and it constitutes a recognised School Leaving Certificate. There are several Bursaries and Prizes awarded annually to girls as well as boys; the conditions attached to each will be supplied on application.

The Fee for every Candidate for a Junior Certificate is 1*l.*; for Preliminary subjects when taken alone, 1*l.*; for Senior Certificate, 1*l.* 10*s.*, except in the case of those who have passed in the Preliminary subjects, or obtained a Junior Certificate, when the Fee is 1*l.* Secretaries, Rev. Professor H. Calderwood, LL.D., and Professor S. S. Lawrie, M.A.

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## EDINBURGH UNIVERSITY CERTIFICATES IN ARTS FOR WOMEN.

Candidates must have studied in at least three classes of the "Edinburgh Association for University Education of Women," recognised by the *Senatus Academicus*, and must have passed the Local Examination at this or any recognised University, and after passing an Examination in not less than three subjects, they receive a University Certificate in Arts. They are of two grades, Pass Certificates, and Honour Certificates. The full particulars of each Subject of Examination are given in the University Calendar, or can be obtained of the Secretary of the Local Examination Board, in pamphlet form. The Fee is 2*l.* 2*s.* No additional fee for an Honour Certificate.

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## EDINBURGH EXAMINATION OF PUBLIC SCHOOLS.

Head Masters of Public Schools may, on giving due notice to the Secretary, present whole classes for University Local Examinations. The rules are: (1) The Pupils to be grouped in three divisions according to advancement. The Lowest division to be restricted to the preliminary subjects. The Intermediate division to subjects selected from list for Junior Certificates. The Highest division to subjects selected from Senior Certificate. The Fee is 5*s.* per pupil. A special report is made to the Head Master of each School, and pupils who pass in Latin, Greek, and Mathematics in the Highest division shall be entitled to enter the University for the three years' curriculum in Arts (Leaving Certificate).

## GLASGOW UNIVERSITY LOCAL EXAMINATION FOR BOYS AND GIRLS.

These Examinations are held in May. Both boys and girls are admitted; but boys must not be above 18 years of age. Local Centres are formed for not less than six Candidates, or equivalent fees. Junior and Senior Certificates are granted. Full particulars of the common subjects, the special subjects, and the extra subjects will be given upon application to the Secretaries, who will also send a list of the numerous Bursaries and Prizes awarded annually, and the conditions attached to each. The Fees for a Junior Certificate are 1*l.*; no additional Fee if a Candidate takes the Common subjects at one Examination and the Special subjects for the Junior Certificate at another. Candidates for Senior Certificate holding a Junior Certificate from any recognised University pay a Fee of 1*l.*, without such Certificate the Fee is 1*l.* 10*s.* Candidates taking Common subjects at one Examination and Special subjects for Senior Certificates at another, pay 1*l.* for each Examination. Professor Stewart, D.D., Secretary.

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## GLASGOW UNIVERSITY HIGHER EDUCATION FOR WOMEN.

These Examinations are held in May, and are open to all women who have (1) taken a Certificate at the Local Examinations of any University, or (2) having attained the age of 18, have passed in Common subjects for ordinary Local Examinations.

Examinations will be held in Glasgow and other recognised Local Centres. Schedules of application and details of the subjects required to be read may be obtained of the Secretary. Application form must be returned early in April. Two Prizes of 10*l.* each are awarded annually by the Glasgow Association for the Higher Education of Women. The Fee is 2*l.* 2*s.*

Apply to Secretary of the Local Examination Board at the University.

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## GLASGOW UNIVERSITY EXAMINATION OF SCHOOLS.

Application must be made to the Board by the 1st April, and the subjects in which examination is sought must be submitted to the Board for approval. The Fee for each Examination is 3*l.* 3*s.* per day of six hours, whether spent in examining classes or in reading written papers. The Fee for each pupil is 5*s.*, and the subjects and conditions in detail may be obtained of the Secretary of the Local Examination Board at the University.

## ST. ANDREW'S UNIVERSITY LOCAL EXAMINATIONS.

These Examinations, which are conducted by Professors at convenient centres, are held in June, and two classes of Certificates are granted, a Junior and a Senior. The Fee for Junior Certificates is 10*s.*, and for Senior Certificates 1*l.*

i. The Preliminary Examination must be passed before proceeding to the Examination for either Certificate. Subjects: (1) English, (2) History, (3) Geography, (4) Arithmetic, (5) Scripture History (may be omitted at request of parents).

ii. The subjects for the Examination for Junior Certificate are (each Candidate is examined in at least two, and not more than four, of the subjects): (1) English, (2) History and Geography, (3) French, (4) German, (5) Latin, (6) Greek, (7) Mathematics, (8) Elementary Science. Extra voluntary subjects: Drawing and Music.

iii. In the Examination for Senior Certificates, each Candidate is examined in at least two, and not more than four, of the following subjects: (1) English, (2) History and Geography, (3) French, (4) German, (5) Italian, (6) Latin, (7) Greek, (8) Logic, (9) Mathematics, (10) Physical Science. Any one of the following: (*a*) Natural Philosophy, (*b*) Botany, (*c*) Zoology, (*d*) Physiology, (*e*) Chemistry, (*f*) Geology. The extra voluntary subjects are Drawing and Music.

*Convener of Committee.*—Professor Burrell.

## ST. ANDREW'S UNIVERSITY HIGHER CERTIFICATES FOR WOMEN (LL.A.).

Candidates for the LL.A. (Literate in Arts) Certificate, may obtain particulars of the subjects for examination, and the text-books used, on application to Professor Burrell. The Standard of Examination, both for Pass and Honours, is the same as that required for the M.A. Degree. The present Centres are London, Halifax, Bristol, Belfast, and St. Andrews. The Fee of 2*l.* 2*s.* covers two years of the Examination. Candidates who obtain LL.A. pay an additional Fee of 4*l.* 4*s.* No Candidate is admitted to this Examination who does not hold the Local Examination Certificate of a University. LL.A. Candidates may be examined in any subject not previously taken, and obtain additional Certificates, the Fee being 1*l.* 1*s.* for each. The Calendar of the University gives all the Subjects of Examination and the text-books.

According to the official return of the results of the LL.A. Examination of 1883, it appears that no fewer than 371 passed in one or more subjects, and seventy-six obtained the Title and Diploma of LL.A. In 1877, when the scheme was instituted, nine lady candidates entered, and eight passed. This year 440 entered, and 371 passed.



## SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES, AND COMMERCE.

JOHN STREET, ADELPHI, LONDON, W.C.

This Society was founded in 1754, and incorporated by Royal Charter in 1847, for the Encouragement of the Arts, Manufactures, and Commerce of the Country, by bestowing rewards for such productions, inventions, or improvements as tend to the employment of the poor, to the increase of trade, and to the riches and honour of the kingdom; and for meritorious works in the various departments of the Fine Arts; for Discoveries, Inventions, and Improvements in Agriculture, Chemistry, Mechanics, Manufactures, and other useful Arts; for the application of such natural and artificial products, whether of Home, Colonial, or Foreign growth and manufacture, as may appear likely to afford fresh objects of industry, and to increase the trade of the realm by extending the sphere of British commerce; and generally to assist in the advancement, development, and practical application of every department of science in connection with the Arts, Manufactures, and Commerce of this country.

The Session commences in November, and ends in June. The number of Meetings held during the Session amounts to between 70 and 80.

The Examinations are specially intended for Members of Institutions in union with the Society of Arts, and Candidates are examined in *Music*, theory and practice; *Political Economy*; Domestic Economy (men as well as women may be examined in this), the subjects, (1) Clothing and its Materials, (2) Health, (3) Housekeeping and Thrift, (4) Cookery. The Council offer Prizes of 5*l.* and 3*l.* in each subject.

Examinations are held annually by the Society, through the agency of Local Committees, at various centres in the country. They are open to any person. The subjects include the principal divisions of a Commercial Education, Sanitary Knowledge, Political and Domestic Economy, and Music. A Programme, containing detailed information about the Examinations, can be had on application to the Secretary,

### COUNCIL.

*President*.—H.R.H. the Prince of Wales, K.G.

*Vice-Presidents* { H.R.H. the Duke of Edinburgh, K.G.

{ H.R.H. Prince Leopold, Duke of Albany, K.G.

*Vice-President and Chairman of the Council*.—Charles W. Siemens,  
D.C.L., LL.D., F.R.S.

*Secretary*.—H. Trueman Wood, B.A.

*Assistant Secretary*.—Henry B. Wheatley, F.S.A.

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## LONDON SOCIETY FOR THE EXTENSION OF UNIVERSITY TEACHING.

22, ALBEMARLE STREET, W.

*President*.—The Right Hon. G. J. Goschen, M.P.

And a numerous and influential Council.

The object of this Society is to bring a systematic course of University

Teaching within the reach of all classes, both men and women, of the inhabitants of London, by means of Lectures, the Society sending their Lecturers and Examiners at different centres; and the demand for this higher education is increasing, and those who wish to establish new centres should communicate with the Secretary. The Lectures are especially intended for young men and women between the period of leaving school and that of settling down in life; but experience has shown that these form only a nucleus with which both older and younger Students may be advantageously associated. Some of the most successful Lectures and Classes have been attended largely by artisans. The course consists of twelve weekly Lectures, followed by class instruction, and advice as to the text-books to be used and the means of effectual study. Each Lecture is also accompanied by printed outlines of the subject matter distributed to the pupils, and by questions. The questions are answered by the Students at home in writing, and are submitted to the Lecturer for correction and comment.

The Lectures extend over two terms of three months each, the first beginning in October, and the second in January. An Examination in writing is held at the end of each course, entry for which is optional to all who have attended Lectures throughout, and Certificates are given to the successful Candidates. The Examiners are distinct from the Lecturers, and are appointed by the University Board, who also issue the Certificates. E. T. Cook, B.A., Secretary.



## COLLEGE OF PRECEPTORS.

OFFICES :—42, QUEEN SQUARE, BLOOMSBURY, W.C.

This College, which is filling a most important place in our scheme of National Education, and is the pioneer of that system of local examination, afterwards so thoroughly adopted by Oxford, Cambridge, and other Universities, was established in the year 1846, and incorporated by Royal Charter in the year 1849, “for the purpose of promoting sound learning and of advancing the interests of education, especially among the Middle Classes, by affording facilities to the Teacher for acquiring a knowledge of his profession, and by providing for the periodical session of a competent Board of Examiners, to ascertain and give certificates of the acquirements and fitness for their office of persons engaged or desiring to be engaged in the education of youth.” With this view, the Charter empowers the College to hold Examinations of Teachers and Schools, both boys and girls, and to grant Diplomas and Certificates to such persons as pass these Examinations satisfactorily.

To effect these objects, two plans of examination have been established : (1) That of Teachers, to ascertain their qualifications and fitness to take part in the work of instruction ; and (2) That of Pupils, to test their progress, and to afford at once to the Teacher, and to the public, a satisfactory criterion of the value of the instruction they receive.

The Diplomas granted by the College to Teachers are of three grades—viz., *Associate*, *Licentiate*, and *Fellow*. The qualifications required for the grade of *Associate* are somewhat higher than those required by the Committee of Council for Certificated Teachers of the First Class; and

those for the grades of *Licentiate* and *Fellow* correspond as nearly as possible to those required for an Ordinary Degree and for an Honour Degree in Arts, respectively, at the principal Universities of Great Britain and Ireland. A distinctive feature of these Examinations is, that in all cases the "Theory and Practice of Education" is an obligatory subject for each grade.

The Pupils' Examinations were established in the year 1854, four years before the institution of the University Local Examinations, and two years before those instituted by the Society of Arts, both of which may justly be regarded as more or less the fruit of the efforts and example of the College of Preceptors in leading the way in the improvement of the Education of the Middle Classes. They have been carried on half-yearly, since that time, with steadily increasing success; and during the past year the number of candidates examined for certificates amounted to more than 13,000; and about 2,400 schools, both public and private, in all parts of the country are now brought under the influence of the College Examinations. Visiting Examiners are also appointed by the College, for the inspection and examination of Public and Private Schools.

The Higher Certificates awarded by the College at the half-yearly examinations of pupils in schools are recognised by Her Majesty's Judges, and by the General Medical Council, as guarantees of a good general education; and consequently the holders of them, who may intend to enter the Legal and Medical professions, are exempted from the necessity of submitting to the Preliminary Literary Examinations held by the Incorporated Law Society, and by the various Medical Corporations of the United Kingdom. The Pharmaceutical Society also recognises, in a similar way, all the College Certificates above the Third Class, the holders of which have passed an Examination in Latin.

The Examinations, both of Teachers and of Pupils, are open to both sexes. Women form a large proportion of the candidates at the Examinations for Diplomas, and the number of Girls' Schools from which candidates are sent up periodically to the Examinations for Certificates is now very considerable, and is rapidly increasing.

The total number of persons at present examined annually by the College, at the various Examinations which have been mentioned, and the Pupils examined at their own Schools by Visiting Examiners, amounts to about 17,000—a number which, it may be observed, greatly exceeds that of the candidates who present themselves annually before any other examining body especially concerned with the improvement of the education of the Middle Classes.

The Council in the year 1873 instituted a Professorship (the first which has been established in this country) of the Science and Art of Education, as a special subject of instruction; and a Training Course of Lectures and Lessons for Teachers, extending over the whole year, under the direction of competent Lecturers,\* is now in full operation.

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\* The course for the year 1882 comprised—(1) Mental Science for Teachers, by James Sully, M.A., Examiner in Mental Science in the University of London; (2) Practical Education and Methods of Teaching, by the Rev. Canon Daniel, M.A., Principal of St. John's Training College, Battersea; (3) The History of Education, by the Rev. R. H. Quick, M.A.

Courses of Lectures upon Education, and upon methods of teaching various special subjects, have also been delivered on several occasions at the College Rooms, and are now published.

Evening Meetings of the Members of the College are held monthly (except during the Christmas and Midsummer vacations), for the purpose of reading and discussing papers upon subjects connected with Education. Members also have the use of a Library of Educational Works, consisting of about 5,000 volumes, to which additions are constantly being made.

The legal Registration of Teachers has long been advocated by the College. A proposal for a Scholastic Registration Act, analogous in its provisions to the Medical Registration Act, was brought before the public in 1861 by a Circular of the Council addressed to the Heads of the principal Schools throughout the country; it has formed the subject of repeated memorials and deputations to the Government since that time, and continues to engage the attention of the Council as a much needed reform, and a first step towards making teaching a distinct and recognised profession.

The Annual Subscription to the College is 1*l.* 1*s.*; a single payment of 10*l.* 10*s.* confers the privilege of Life Membership. All persons engaged in Education are admissible as Members, subject to election by the Council; but all candidates are required either to give evidence of having passed an Examination satisfactory to the Council before some recognised Examining Body, or to pass an Examination at the College.

A Teachers' Examination is held half-yearly—viz., at the Midsummer and Christmas vacations. The Diplomas awarded are of the following grades:—(1) Associate; (2) Licentiate; (3) Fellow; must have had one, two, and five years' experience in teaching respectively, and the Fee is 1*l.* 1*s.* in each case.

The regulations for the examination of pupils and of candidates for Diplomas and Membership may be obtained of the Secretary.

## COUNCIL AND OFFICERS OF THE COLLEGE.

### *President of the Council.*

Rev. T. W. Jex-Blake, D.D., Head Master of Rugby School.

### *Life Members of the Council as former Presidents.*

Rev. W. Haigh-Brown, LL.D., Head Master of Charterhouse School, Godalming.

Rev. G. A. Jacob, D.D., late Head Master of Christ's Hospital, London, E.C.

Rev. B. H. Kennedy, D.D., Regius Professor of Greek in the University of Cambridge, and Late Head Master of Shrewsbury School.

### *Vice-Presidents.*

R. Wormell, D.Sc., M.A., City Middle Class Schools, E.C.

Miss F. Buss, F.C.P., North London Collegiate School for Girls.

And a Council of forty-eight Members.

### *Dean.*

H. Weston Eve, M.A., Head Master of University College School, London.

*Solicitor.*

John Scott, 60, King William Street, E.C.

*Treasurer.*

E. E. Pinches, Esq., B.A.

*Secretary.*

C. R. Hodgson, B.A., 42, Queen Square, Bloomsbury, W.C.



## TRINITY COLLEGE, LONDON.

13, MANDEVILLE PLACE, MANCHESTER SQUARE, W.

The particulars of this College of Music, and the Examinations held therein, are given in the Musical Section of this Work.



## THE BIRKBECK LITERARY AND SCIENTIFIC INSTITUTION,

SOUTHAMPTON BUILDINGS, CHANCERY LANE, W.C.

This Institution was long known as the "London Mechanics' Institution." It was founded in 1823, by the late Dr. Birkbeck, aided by the active co-operation and private liberality of Mr. William Ellis, who felt that instruction in social science should be a leading feature for our industrial classes. Among the many friends of education who zealously supported Dr. Birkbeck in his work may be mentioned His Royal Highness the Duke of Sussex, the Duke of Bedford, the Marquis of Lansdowne, Lord Althorpe, Lord (then Mr.) Brougham, and Sir Francis Burdett. The Institution was intended to supply facilities for evening education for the occupied and working classes, and at a more recent date for both men and women, at a moderate cost. Its operations have kept pace with the growth of education, and its curriculum has gradually expanded, until now it embraces a wide field of study, including Languages, Mathematics, Natural, Applied, and Mental Science, History, Literature, Law, Art, etc. Its enterprise and liberality are seen in the fact that it was the first educational institution in the country to open its doors to women, and one hundred classes meet weekly in the subjects taught at this Institution.

Since its foundation, the Institution has had over 70,000 members, many of whom have become eminent in Art, Science, and Literature. At the present time there are more than 3,500 Students. Moreover, the list of classes shows that no subject has been omitted which can be useful



to the Students, and will, at the same time, prove that this Institution has successfully encouraged and supplied the demand for higher education.

From the very commencement of its existence, technical education formed an important part of its scheme, and the success which has attended this portion of its work has been most encouraging.

The influence of the Institution's labours soon spread in different parts of the kingdom, and it is the parent of nearly 1,000 similar institutions in England, besides many in the Colonies. There are now more than 200 Mechanics' Institutes, with 37,600 members, in Yorkshire alone.

This Institution, which for fifty-nine years has been carrying on an important educational work in the metropolis, has issued its prospectus for 1884. The evening classes are open to both sexes, and ample opportunity is afforded, as above stated, for the study of Ancient and Modern Languages, Mathematics, Natural, Applied, and Mental Science, Art, Law, History, Literature, Music.

The advantages it offers to its members include a library of 9,000 volumes, reading and studying rooms, weekly lectures and evening classes, with fifty professors and thirty examiners. The present President, Mr. W. L. Birkbeck, M.A., is the son of the founder. The prizes competed for by the students are those given by the Science and Art Department and the Society of Arts, as well as those offered by the Institution and its patrons.

The success which has attended the students at examinations has been most marked, and the highest rewards open to such institutions have repeatedly been carried off by the members. It may be mentioned that in one year three of the six "Whitworth Scholarships," open to the entire kingdom, were gained by the students of this Institution; while nearly one-half of the Society of Arts' prizes were also obtained, including the "Prince Consort's Prize," given by Her Majesty the Queen; and the "Council's Prize," instituted for the encouragement of female education.

At the last examinations, 489 certificates and 178 prizes were obtained from the Science and Art Department, fifty-one candidates obtained certificates or prizes from the Society of Arts, and 143 from the Educational Council of the Institution.

For some years past it has been found extremely difficult to provide accommodation for the large numbers seeking to avail themselves of the advantages of this Institution, and a movement is on foot to obtain premises suitable to its great and important work. The sum required was 20,000*l.*, and with improved accommodation it is supposed that the present number of members, 3,500, would be considerably augmented. Considering the great advantages which the Birkbeck Institution has conferred upon the cause of education for more than half a century, it is to be hoped, in order to enable the Committee to meet the increasing demand for space, funds will be readily forthcoming for the erection of new and more suitable premises. Since this was in type, His Royal Highness the Duke of Albany laid the foundation stone of the new buildings on an adjacent site in Bream's Buildings on the 23rd April, 1883. It is a matter of great educational importance to give facilities to establishments of a similar kind throughout the kingdom, where evening classes can be attended by young men and young women who are occupied during the day, and wish to increase their learning and acquire special subjects of knowledge in their leisure time.

The fifty-fifth anniversary was presided over by His Royal Highness

the Duke of Albany, K.G., and many eminent noblemen and gentlemen have occupied a similar position. Amongst those of late years may be mentioned the Marquis of Ripon, the Earl of Carnarvon, Earl Lytton, the Earl of Northbrook, the late Earl Russell, the Earl of Shaftesbury, Lord Aberdare, the late Lord Chief Justice, the Right Hon. Sir Stafford Northcote, the Right Hon. W. E. Forster, M.P., and other well-known friends of education.

#### OFFICERS.

*Patron.*—His Royal Highness the Duke of Albany, K.G.

*President.*—W. Lloyd Birkbeck, Esq., M.A.

*Manager and Hon. Sec. of Educational Council.*—Mr. George M. Norris.

*Bankers.*—Messrs. Smith, Payne, and Smiths. Lombard Street.

*Secretary.*—Mr. William H. Congreve.

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## THE SOCIETY OF SCHOOLMASTERS

FOR THE

RELIEF OF DISTRESSED SCHOOLMASTERS AND USHERS

AND OF THEIR WIDOWS AND ORPHANS,

7, ADELPHI TERRACE, STRAND, W.C.

The Society of Schoolmasters was instituted in 1798, and is maintained by voluntary contributions. It was first formed on a principle of Life Assurance, for the benefit of such subscribing members as were Masters of Endowed and Boarding Schools. A Charitable Fund was at the same time instituted for the relief of distressed Subscribers, their Widows, and their Orphans.

The Society was continued on the original plan for twenty-three years, during which nearly 7,000*l.* were paid to forty families for claims that accrued or were surrendered, and several hundred pounds were distributed in charitable donations.

In 1821 the Assurance Society was dissolved, and the surplus of the joint stock, amounting to more than 14,000*l.*, was divided among the surviving shareholders, many of whom gave up their portion to the Charitable Fund. The Society, possessing 4,000*l.* 3 per cents., then became a purely charitable institution; and its aid, which had been previously limited to Subscribers, was extended generally to the Masters of Endowed and Boarding Schools. It subsequently enlarged its design in order to include the Masters of Proprietary Schools.

By the present rule it gives relief to distressed Masters of Endowed, Proprietary, and Boarding Schools, who have subscribed to the Society, their Widows and Orphans; secondly, to distressed Ushers and Assistants of Subscribers, their Widows and Orphans; and thirdly, so far as the funds will allow, after the claims of Subscribers have been considered, to other distressed Masters, Ushers, and Assistants of Endowed, Proprietary, and Boarding Schools, their Widows and Orphans.

Through the investment of benefactions paid by many in lieu of annual contributions, the addition of £1,000 3 per cent. reduced, given by Mrs. Sheppard, of Amport, in 1848, and the receipt of a bequest of £1,000 from Madame Tildesley de Bosset in 1857, the funded property now amounts to £10,100.

The Society has been principally dependent on the subscriptions of Schoolmasters, but it has received liberal and valuable assistance from friends not members of the profession. His Royal Highness the late Duke of Cambridge was for many years its patron. From their Majesties George IV. and William IV. it received not only the high sanction of their names, but also a yearly grant of fifty guineas. Her Gracious Majesty Queen Victoria was pleased to continue the grant of fifty guineas for many succeeding years. The Society was further favoured by three donations from His Majesty Louis Phillippe, King of the French, who had been a teacher of Mathematics in a College near Coire, in Switzerland, in the year 1793. During his residence at Twickenham in 1816, His Majesty, then the Duke of Orleans, wrote to the Treasurer of that day, Dr. Kelly, that "it was his intention to have expressed sooner how much he was flattered by Dr. Kelly's very obliging intimation of the motives for which the Duke of Orleans ought to feel a particular interest for the Schoolmasters. The Duke of Orleans has, in fact, more motives for being attached to that useful and respectable class of men than he believes Dr. Kelly can be aware of; since it is not probable he should know that among the many vicissitudes of fortune which fell to the lot of the Duke of Orleans is to be found that of having been a Schoolmaster. It is, however, a matter of fact that at a time of severe distress and persecution, the Duke of Orleans had the good luck of being admitted as a teacher in a College, when he gave lessons regularly for the space of eight months. The Duke of Orleans hopes, therefore, that the Society for the Relief of Distressed Schoolmasters will permit him to tender his mite as a fellow-Schoolmaster."

The sum distributed by the Committee in relief in the fifty-nine years which have elapsed since the Society became a purely charitable institution has been 18,354*l.*, of which 6,828*l.* has been granted in the last twenty years.

The applications for assistance have, for some years past, been increasing in importance; while, through the lapse of time, the loss of all the early advocates of the Society, and of many annual subscribers to its funds, is deeply felt and regretted.

These facts are submitted to all who are, or have been, Members of the Profession, and attention is called to the necessities of afflicted and meritorious Schoolmasters. The funds of the Society are managed with the most scrupulous economy, and a strict investigation is made into the character and circumstances of each petitioner.

Those who have enjoyed, and who can appreciate, the blessings derived from education, should not be unmindful of the obligations which they owe to men who faithfully devote to the instruction of the young the vigour of their life and the laborious exercise of their best faculties.

*President.*—The Archbishop of Canterbury.

*Treasurer.*—Rev. Dr. Baker, Merchant Taylors School.

*Chairman.*—Rev. Richard Lee, Christ's Hospital.

*Secretary.*—Octavian Blewitt, Esq., K.L., F.R.G.S., 7, Adelphi Terrace.

*Collector.*—Mr. G. H. Leah, 73, Park Street, Grosvenor Square, W.

## THE EDUCATION SOCIETY.

## SOCIETY FOR THE DEVELOPMENT OF THE "SCIENCE OF EDUCATION."

The object of the Society is to examine, systematise, and propound definite and verifiable principles upon which the practice of Education should be based.

It aims at the following special objects :—

- (1) To collect and classify educational facts.
- (2) To discuss educational problems on some definite plan, and to arrange and record the results of the discussion.
- (3) To arrange for the giving of lessons and the discussion of the principles involved.
- (4) To examine and report on school organisation and educational machinery.
- (5) To become acquainted with, and discuss educational ideas, methods, and practice in other countries.
- (6) To examine and criticise the labours of eminent educationists and teachers.
- (7) To examine the lives of typical men, to consider the educational influences (conscious or unconscious) affecting their careers, and to investigate the educational forces at work.
- (8) To publish proceedings.

The Annual Subscription is One Guinea; but Associations of Teachers will be affiliated on payment of a sum proportional to the number of their Members; and a proportional number of copies of the Transactions of the Society will be supplied to these Associations. Country Members who reside more than twenty-five miles from London will be admitted on payment of an Annual Subscription of Half-a-Guinea. A payment of Five Guineas constitutes a Life Membership.

The Society seeks to embrace—

- (1) Persons of eminence who can, by their position, further the cause of the Science of Education, and who are willing to give their sympathy, even if they cannot afford time to give co-operation.
- (2) Professional Educators who are able and willing to co-operate.
- (3) Persons of Scientific attainments (not Teachers) who are interested in Education, and are willing to co-operate in examining its principles.
- (4) Educators in the country and elsewhere, who, though unable to attend meetings, will contribute papers, and otherwise give active support.
- (5) Foreigners, resident in England, who are acquainted with the best that is thought and done in education in their respective countries.
- (6) Teachers generally, who, without taking any active part in the proceedings, are anxious to record their opinion that there may be a *Profession of Teachers*, and by Membership with this Society do in fact record such an opinion.

All Teachers and others interested in Education are eligible to be proposed as Members.

*President*.—Rev. J. M. Wilson, M.A., Head Master of Clifton College.

*Honorary Secretary*.—F. C. Turner, B.A., 99, Tulse Hill, S.W.

## THE PRIVATE SCHOOLMASTERS' ASSOCIATION.

The object of this Association, founded by Mr. John Stewart, is to promote social intercourse among the Principals of Private Schools, and to aid in the prosecution of their work. Periodical meetings and conferences are held in London. The committee is composed of twenty-four leading School Principals.

*Hon. Treasurer.*—Rev. C. W. Arnold, M.A., Woking College, Surrey,

*Hon. Secretaries.*—G. F. H. Sykes, B.A., Forest House School, Woodford, and J. Stewart, University School, Hastings.

*Secretary.*—W. T. Jennings, 10, Old Jewry Chambers, London, E.C.

A Journal connected with this Association, entitled the "Private Schoolmaster," is edited by the following members of the committee :— Dr. W. Porter Knightley, G. W. Robinson, M.A., and John V. Milne, B.A.

## ASSOCIATION FOR PROMOTING SECONDARY EDUCATION IN SCOTLAND.

This Institution was founded in 1876. Subscription, 2 guineas a year.

*President.*—Sir T. E. Colebrooke, Bart., M.P.

*Vice-Presidents.*—Earl of Elgin and A. Campbell Swinton, Esq.

*Hon. Treasurer and Secretary.*—Professor S. S. Laurie, Nairne Lodge, Duddingston, Edinburgh.

## EDUCATIONAL INSTITUTE OF SCOTLAND.

*President.*—A. F. Hutchinson, M.A.

*Secretary to the Board of Examiners.*—Thomas Morrison, M.A., Free Church Training College, Glasgow.

## ASSOCIATION OF HIGHER CLASS PUBLIC SCHOOLMASTERS OF SCOTLAND.

This Association was formed after the passing of the Education (Scotland) Act (1872), its object being the advancement of secondary education, the founding of Bursaries in Higher Class Public Schools tenable at the Universities, and the interchange of ideas among members of the profession.

*President.*—James Cranstoun, LL.D.

*Secretary.*—Thomas Jeffrey, M.A., High School, Edinburgh.

## BIRMINGHAM TEACHERS' ASSOCIATION.

Founded in 1864, the object being to promote the interests of education by lectures and discussions upon subjects connected with education. Annual subscription 2s. 6d.

*President.*—Rev. J. M. Guest, M.A.

*Hon. Secretaries.*—Rev. J. H. Smith, M.A., W. F. Talbot.

## IRELAND SCHOOLMASTERS' ASSOCIATION.

This Institution was founded in 1869, and its object is to advance the interests of Upper-class Schools in Ireland, and to afford its members advantages of mutual counsel and support. Head Masters of Royal and other Schools, of Graduates of some University, and Assistant Masters at some Schools, are eligible for membership. The meetings are held annually in Dublin in December.

*Secretary.*—R. Biggs, Esq., LL.D., Galway School.



# THE CONFERENCE OF HEAD MASTERS OF SCHOOLS.

## FIRST GRADE SCHOOLS.

### SCHOOL REFORM.

The Head Masters of the first grade schools were not slow to recognize the great importance of the educational movement now at work in England, and from the advanced position already taken up by them in educational reforms, both as regards the teachers and the taught, we may, if they continue to act in unison, and are guided by the spirit of the times, anticipate the most valuable results; for whatever tendency there may seem to be to suggest theoretical rather than more simple and feasible reforms, there can be little question that these consultations must have some beneficial effect upon the future system of Education, if we take into consideration the fact that the leading promoters of the Conference are men of the highest culture, devoted to the cause of Education, and holding the first positions as educators in the land. The Conference of Head Masters took its rise in a small meeting of Head Masters called by the Rev. E. Thring at Uppingham in 1869. Next year a much larger number of Head Masters met at Sherborne. At the ensuing meeting at Highgate, in 1871, a regular constitution for the Conference was adopted, of which the first article was "that an annual meeting of the Head Masters of the highest schools be held to discuss all questions affecting schools and education." In accordance with this, the Conference meets annually about Christmas at one of the first grade schools and discusses all questions affecting schools and education. The last Annual Conference was held at the University College, London, and the Head Master of the School is the President for that particular Conference. At their last meeting a scheme of scholarships to be offered by some of the schools represented at the Conference to boys who had distinguished themselves in the local examinations was discussed. This scheme has now been brought into a definite shape, and the details have been communicated to the secretaries of the local examinations.

*President of the Conference in 1883.*—H. Weston Eve, M.A., Head Master of University College School.

# OUR SCHOOLS OF SCIENCE.

## SCIENCE AND ART DEPARTMENT OF THE COMMITTEE OF COUNCIL ON EDUCATION, SOUTH KENSINGTON.

### SCHOOLS OF SCIENCE.

The origin and much of the progress of this Department, and the erection of Kensington Museum, was due to the Prince Consort. Lord Granville largely advanced the buildings in 1859, being aided by Mr. Lowe, a most valiant defender of the South Kensington Museum at the time of his connection with the Science and Art Department. The Duke of Buckingham sanctioned the erection of the Science Schools and the great courts in 1866. Probably no one has added more to the promotion of Science and Art than the late Sir Henry Cole, K.C.B., to whom a fitting testimonial has recently been presented in recognition of his eminent services to the Museum.

This Department was established in connection with the Board of Trade in March 1853, as a development of the Department of Practical Art, which in 1852 had been created for the reorganization of Schools of Design, and was placed under the direction of the Committee of Council on Education in 1856.

The following particulars give a general outline of the action of the Department, and have been prepared to enable those who wish to establish a Science School or Class the more readily to understand the detailed rules and regulations under which the aid of the Department is administered.

In order to place a Science School or class in connection with the Science and Art Department, an approved Committee, consisting of at least five well-known and responsible persons, must be formed.

The list of Science subjects towards which instruction is given by the Department are as follows:—Practical, Plane, and Solid Geometry; Machine Construction and Drawing; Building Construction; Naval Architecture and Drawing; Pure Mathematics; Theoretical Mechanics; Applied Mechanics; Sound, Light, and Heat; Magnetism and Electricity; Inorganic Chemistry; Organic Chemistry; Geology; Mineralogy; Animal Physiology; Elementary Botany; Biology, including Animal and Vegetable Morphology and Physiology; Principles of Mining; Metallurgy; Navigation; Nautical Astronomy; Steam; Physical Geography; Physiography; Principles of Agriculture.

The 2nd grade examination in Art is held at the same time as in the Sciences above named. Candidates can be examined in one only of the subjects or stages bracketed together in the following list in any one year.\*

\* The 2nd grade Art Examination in Freehand Drawing, Model Drawing, Practical Geometry and Perspective, is held at the same time of the year as the Science Examinations. That in Freehand Drawing and Model Drawing is held on a separate evening, but that in Geometry and Perspective may be on the same evening as the Examination in Science subjects, 1, Practical, Plane, and Solid Geometry.

[ii. Machine Drawing ; iii. Building Construction ; iv. Naval Architecture.]  
 [xii. Geology ; xx. Navigation.] [xiii. Mineralogy ; xxi. Nautical Astronomy.]  
 [xi. Organic Chemistry ; xxii. Steam.] [v. Mathematics, stages 1 to 3.]  
 [v. Mathematics, stages 4 and 5.] [xviii. Principles of Mining ; v. Mathematics, stages 6 and 7 ; xiv. Principles of Agriculture.] [xvi. and xvii. Biology ; xix. Metallurgy.]

The aid is given in the form of Public Examinations, in which Queen's Prizes are awarded, held at all places complying with certain conditions ; payments on results as tested by these examinations ; scholarships and exhibitions ; building grants ; grants towards the purchase of fittings, apparatus, etc.

The examinations are held about the month of May, under the superintendence of the local committees and local officers. The examination papers are prepared by the professional examiners in London. An evening is set apart for one or more subjects, so that the examination in each subject is simultaneous over the whole kingdom. Through the agency of the Local Committees, public examinations in all the before-mentioned Sciences—and in Art 2nd grade—in any place in the United Kingdom which complies with the requisite conditions. On the results of this examination payments are made for the instruction of the students, and prizes are awarded.

For navigation classes special examinations may also be held three times a year.

The examinations are of two kinds, but are held on the same evening, and conducted by the same committee :—

(a) The class examinations for students under instruction in science classes, whether taught by teachers qualified to earn payments on results or not.

(b) The honours examination, of a highly advanced character.

A packet of examination papers is sent to each local examination secretary, who opens it in the presence of the committee and candidates. The committee is held responsible that no unfair means of any description are used in working the papers, and that the rules of the Department are strictly complied with.

The examinations are of two kinds, but held together, viz. :—

(a) The class examinations, of which there are two grades or stages ; the first stage or elementary examination, and the second stage or advanced examination. The successful candidates in both stages are divided into first and second class.

(b) The honours examination of a highly advanced character. In this there are also two classes.

Any person, however taught, may sit at any one of these examinations.

Queen's prizes, consisting of books or instruments, are also given to all candidates who are successful in obtaining a first class in either stage of the class examinations. Bonâ fide students in science classes are alone eligible for prizes. Bronze medals are given to all Candidates who obtain a 1st class in honours.

Payments are made either to the committees or to the teachers on the results of the May examination.

These payments are made only on account of the instruction of students of the industrial classes, or on account of the instruction of their children.

Any person may qualify himself or herself to earn payments on results,

by obtaining a first or second class in the advanced stage of the class examination, or by passing in honours.

This examination is dispensed with when the candidate has taken a degree at one of the Universities of the United Kingdom, and in certain other cases.

To assist in the instruction of deserving students, aid is given in the creation of two forms of scholarship in connection with elementary schools.

- (a) In the *Elementary School Scholarship*, 5*l.* is granted to the managers of any elementary school for the support of a deserving pupil selected by competition, if they undertake to support him for a year, and subscribe 5*l.* for that purpose. The payment of 5*l.* by the Science and Art Department is conditional on the scholar passing in some branch of science at the next May examination.
- b. In the *Science and Art Scholarship*, which is of a more advanced character, a similar contribution of 5*l.* is required on the part of the locality, and a grant of 10*l.* is made by the Department towards the maintenance for one year of the most deserving pupil or pupils in elementary schools who have passed certain examinations in science and in drawing.

In both these cases the scholar must be from twelve to sixteen years of age, and one scholarship is allowed per 100 pupils in the school. Thus a school with fifty pupils may have one scholarship, a school with 150 pupils two scholarships.

The Lords of the Committee of Council on Education have by a recent minute (in 1883) decided to withdraw the prizes hitherto given to candidates in the science examinations who obtain a first class in the elementary stage of the various subjects of science, substituting certificates of merit, and retaining only the prizes given in the advanced stage. The money hitherto devoted to prizes will be employed in providing for 36 National Scholarships—12 each year—which will be offered in competition to students of the industrial classes and awarded at the annual examinations of the Department. The National Scholarship will be tenable, at the option of the holder, either at the Normal School of Science, South Kensington, or at the Royal College of Science, Dublin, during the course for the Associateship—about three years. The scholar will receive 30*s.* a week during the session of about nine months in the year, second-class railway fare to and from London or Dublin, and free admission to the lectures and laboratories.

There are also two forms of Exhibitions. These are—

- a. *Local Exhibitions* to enable students to complete their education at some college or school where scientific instruction of an advanced character may be obtained. Grants of 25*l.* per annum, for one, two, or three years are made for this purpose when the locality raises a like sum by voluntary subscriptions. And if the student attend a State school, such as the Normal School of Science and Royal School of Mines in London, or Royal College of Science in Ireland, the fees are remitted. The exhibition must be awarded in competition.
- b. *Royal Exhibitions* of the value of 50*l.* per annum, tenable for three years, to the Normal School of Science and Royal School of Mines, London, and the Royal College of Science, Dublin, are given in competition at the May examinations. Six are awarded each year—three to each institution.

The competition for the *Whitworth Scholarships* is also in part determined by the results of the May examinations. Particulars respecting these are given on the next page.

A grant in aid of a new building, or for the adaptation of an existing building for a School of Science, may be made at a rate not exceeding 2s. 6d. per square foot of internal area, up to a maximum of 500*l.* for any one school ; provided that certain conditions are complied with, and that the school be built under the Public Libraries and Museums Act, or be built in connection with a school of Art, aided by a Department building grant.

A grant towards the purchase of fittings, apparatus, diagrams, etc., not exceeding 50 per cent. of the cost of them, is made to Science Schools. And where a school is furnished with a laboratory, properly fitted up, payments are made on account of students who during the year receive twenty-five lessons in laboratory practice.

Special extra grants in the form of capitation payments are made in fully organised Science Schools.

Further details in all these points will be found in the Official Directory issued by the Department, together with details of the various subjects required at each examination.

The 28th report issued in 1881 of the Science and Art Department of the Committee of Council on Education is arranged under the following heads :—Aid given towards the promotion of instruction in science applicable to industry ; aid given towards the promotion of instruction in elementary drawing as a part of national education, and in fine art as applied to industry ; the administration of the South Kensington Museum, the central repository for objects of Science and Art, which, as far as practicable, are circulated throughout the United Kingdom ; the branch Museum at Bethnal Green ; other Museums, supported by the State through the Science and Art Department ; the Geological Survey ; institutions and societies which receive aid from the State, subject to the superintendence of the Science and Art Department. The number of schools examined in 1880 was 1,391. The number of candidates who came up in honours was 1,192, of whom 106 passed in the 1st class, and 340 in the 2nd class. The total number of students examined in 1880 was 39,083. New Schools of Art have been established during the year 1877 at Barnstable, Doncaster, Keswick, and Weymouth. The total number of Schools of Art in operation throughout the kingdom was 144. The total number of students in these schools was 29,414. The number of works selected for the National competition was 790, composed of drawings from the antique, designs, and studies in light and shade, or colour. The number in 1876 was 1,230. The number of students in Art classes was 29,579 in 910 classes, the corresponding numbers in 1876 having been 31,158 in 883 classes ; 3,532 students in these classes passed the examination of the 2nd grade, 848 obtained 2nd grade prizes, and 505 obtained prizes for works sent up for inspection. In 3,767 elementary schools, 549,010 children were taught drawing, and 403,208 were examined at the annual examination in March, 1877. The total number of persons who received direct instruction as students, or by means of lectures, in connexion with the Science and Art Department in 1877, was 681,367. The expenditure of the Department during the financial year 1877-8, exclusive of the vote for the Geological Survey, amounted to 276,416*l.* 5*s.* 4*d.*

Respecting Science Education in England the following statistics are encouraging :—In 1860 the number of science schools was 8, in 1870 it was



79, and in 1880 it was 1,391. The number of classes in 1860 was 20, in 1870 it was 2,204, and in 1880 it was 4,932. The number of persons receiving science and art education was in 1860, 386; in 1870, 34,233; in 1881, 970,874; and in 1882, 986,085.

### SIR JOSEPH WHITWORTH'S SCHOLARSHIPS FOR MECHANICAL SCIENCE.

A Syllabus of the Subjects and the Rules under which these Scholarships, founded by Sir Joseph Whitworth, Bart., F.R.S., D.C.L., are awarded, may be obtained on application to the Secretary, Department of Science and Art, South Kensington, London, S.W.

1. The Whitworth Scholarships are of the value of 200*l.*, 150*l.*, and 100*l.*, and they are open for competition to all Her Majesty's subjects—whether of the United Kingdom, India, or the Colonies.

2. The Candidate must be of sound bodily constitution.

He must not have completed the 26th year of his age on the 1st May of the year in which he competes.

He must have been engaged in handicraft for at least three years, and have been at work at the vice and lathe, or the forge, or the bench, for at least six consecutive months in each of those years.

He must have spent at least 12 months at the vice and lathe.

3. Twenty-five Scholarships will be competed for in May 1882, sixteen of the value of 100*l.*, eight of 150*l.*, and one of 200*l.*, in the following subjects :—

Practical geometry. I.  
Machine drawing. II.  
Building construction. III.  
Naval architecture. IV.  
Mathematics. V.  
Theoretical mechanics. VI.  
Applied mechanics. VII.

Sound, light and heat. VIII.  
Magnetism and electricity. IX.  
Inorganic chemistry. X.  
Metallurgy. XIX.  
Steam. XXII.  
Freehand drawing.

N.B.—The Roman numerals are the numbers of the subjects in the Science Directory.

The competition each year is complete in itself. No marks from a previous success in any subject can be counted.

4. Candidates who are, or intend to be, engaged in machine making—cotton, woollen, flax, etc.; or in engineering—marine, locomotive, and fixed—or in artillery, may only take up subjects I., II., V., VI., VII., VIII., IX., X., XIX., XXII., and freehand drawing. Those engaged in the building trades and coach making may only take up I., III., V., VI., VII., VIII., IX., X., XXII., and freehand drawing. And those engaged in naval architecture, I., IV., V., VI., VII., VIII., IX., X., XIX., XXII., and freehand drawing.

5. The number of scholarships awarded in each of the foregoing classes will be proportioned to the number and ability of the candidates from each.

6. The relative marks in the several subjects and stages, and the method of awarding them, are the same as in the Royal Exhibitions of the Science and Art Department.

7. No candidate can obtain a Scholarship who has not passed in the

second stage, or "Honours," of practical geometry; and in the second or third stage, or the "Honours" of those stages, of mathematics, and obtained a first class in the first stage, or passed in the second stage, or "Honours," of theoretical mechanics, and obtained a "good" in freehand drawing.

8. If a candidate has once qualified as above, it will not be necessary for him to be examined again in these subjects, or to pass in them again.

9. No candidate can obtain a Scholarship who has not attained sufficient handicraft power. And if thought necessary by the Department this may be tested by requiring him to make two Whitworth screw bolts, 1 in. in diameter, and 4 to 6 ins. long, with hexagonal heads and nuts, alike within .001 in.

10. Sir Joseph Whitworth will allow the scholars to attend his works at Manchester free of cost.

11. These scholarships are tenable with the Royal Exhibitions and Scholarships of the Science and Art Department, but not with Admiralty Studentships and Scholarships of the Royal School of Naval Architecture and Marine Engineering; and no person can take a Whitworth Scholarship twice.

The examinations in the theoretical subjects will be held under the superintendence of Local Committees about the month of May. Any candidate wishing to compete for a Whitworth Scholarship must apply to the Science and Art Department before the 15th March, when information of the dates of the examinations will be sent.

NOTE.—In case of a candidate residing in a town where no Local Committee is in existence, a separate examination may, at the discretion of the Science and Art Department, be held there, provided that a committee satisfactory to the Department be formed.

Candidates who do not reside near any place where arrangements have been made for an examination may be examined at the South Kensington Museum, on payment of a registration fee of 2s. 6d. for each evening on which they wish to be examined, or a composition fee of 10s. for any number of evenings. They must send in their names before the 15th of April.

Candidates may be examined in freehand drawing at any School of Art, or Art night class, in the month of May. If specially required this examination may be held with the Science examinations.

The travelling expenses of candidates who may be required to attend for the practical examination will be paid. They will receive third class railway fare and 7s. 6d. for each night they are required to be absent from their homes. For each day on which, although they are able to return home to sleep, they are obliged to obtain a meal away from home in the middle of the day, an allowance of 2s. 6d. will be made.

## SCIENCE OF HYGIENE.

The Council of the Ascham Society have received a letter from the Science and Art Department stating that the Lords of the Committee of Council on Education, having had under consideration the resolution of the Ascham Society, urging that Hygiene should be added to the list of sciences in which grants are made by the Department, have sanctioned the addition of this subject, and that a syllabus will shortly be issued to Science Schools and Classes.

## COMMITTEE OF COUNCIL ON EDUCATION.

The Right Hon. the Earl Granville, K.G., Lord President of the Council.  
The Earl Spencer, K.G., Lord President of the Council, Science and Art Department.

*Vice-President.*—The Right Hon. A. J. Mundella, M.P.

*Secretary.*—Sir F. R. Sandford, K.C.B.

## STAFF OF OFFICERS AND PROFESSIONAL EXAMINERS.

## GENERAL ADMINISTRATION.

*Assistant Secretary.*—Col. Donnelly, R.E.

*Chief Clerk.*—G. Francis Duncombe.

*First-class Clerks.*—A. J. R. Trendell,

Alan S. Cole, J. B. Rundell, E.

Belshaw, A. F. E. Torrens, Owen

J. Dullea, T. Healey.

*Second-class Clerks.*—H. W. Williams,

G. G. Milliard.

*Postal Clerk.*—W. Burt.

*Book-keeper.*—T. A. Bowler.

*Assistant Book-keeper.*—E. Harris.

## GENERAL STORES.

*Storekeeper.*—W. G. Groser.

*Deputy.*—H. Lloyd.

*Clerk.*—J. Smith.

## SCIENCE DIVISION.

*Director.*—Col. J. F. D. Donnelly, R.E.

*Assistant Director.*—J. F. Iselin, M.A.

*Official Examiner.*—F. Rede Fowke.

*Assistant Examiner.*—C. A. Buckmaster, M.A.

## ART DIVISION.

*Director for Art.*—T. Armstrong, Esq.

*Principal of National Art Training School.*—Mr. Sparks.

*Assistant Director.*—H. A. Bowler.

*Official Examiner.*—T. Chesman, B.A., LL.B.

## PROFESSIONAL EXAMINERS FOR SCIENCE SUBJECTS.

*Practical, Plane and Solid Geometry.*—Lieut. G. S. Clarke, R.E.

*Machine Construction and Drawing.*—W. C. Unwin, B.Sc.

*Building Construction.*—Major Seddon, R.E.

*Naval Architecture.*—W. B. Baskcomb.

*Pure Mathematics.*—C. W. Merrifield, F.R.S.; Rev. J. F. Twisden, M.A.; T. Savage, M.A.

*Theoretical Mechanics.*—Rev. John F. Twisden, M.A.

*Applied Mechanics.*—T. M. Goodeve, M.A.

*Acoustics, Light, and Heat.*—J. Tyndall, LL.D., F.R.S.; F. Guthrie, F.R.S.

*Magnetism and Electricity.*—J. Tyndall, LL.D., F.R.S.; H. Debus, F.R.S.

*Inorganic Chemistry.*—E. Frankland, D.C.L., Ph.D., F.R.S.; H. E. Roscoe, B.A., Ph.D., F.R.S.

*Organic Chemistry.*—E. Frankland, D.C.L., Ph.D., F.R.S.; H. E. Roscoe, B.A., Ph.D., F.R.S.

*Geology.*—H. W. Bristow, F.R.S.

*Mineralogy.*—W. W. Smyth, M.A., F.R.S.

*Animal Physiology.*—T. H. Huxley, LL.D., Sec. R.S.; M. Foster, M.D., F.R.S.

*Elementary Botany.*—W. T. T. Dyer, M.A., B.Sc.

*General Biology.*—T. H. Huxley, LL.D., Sec. R.S.; M. Foster, M.D., F.R.S.; W. T. T. Dyer, M.A., B.Sc.

*Mining.*—W. W. Smyth, M.A., F.R.S.

*Metallurgy.*—J. Percy, M.D., F.R.S.

*Navigation.*—J. Woolley, LL.D.

*Nautical Astronomy*.—J. Woolley, LL.D.

*Steam*.—T. M. Goodeve, M.A.

*Physical Geography*.—D. T. Anstead, M.A., F.R.S.

*Physiography*.—J. Norman Lockyer, F.R.S. ; J. W. Judd, F.R.S.

*Principles of Agriculture*.—

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## NORMAL SCHOOL OF SCIENCE AND ROYAL SCHOOL OF MINES,

SOUTH KENSINGTON AND JERMYN STREET, LONDON.

The building in which the collections illustrative of the geological structure and of the mineral produce of the British Islands and their dependencies, constituting the Museum of Practical Geology, are exhibited to the public, is, in addition, the seat of the Royal School of Mines, and contains the central office of the Geological Survey of the United Kingdom, out of which both the Museum and the School have arisen ; and the Normal School of Science, South Kensington, is now affiliated with the Royal School of Mines.

In the year 1851, numerous memorials, praying for the establishment of a mining school, were addressed to the Government by the leading representatives of the mining interest of Great Britain. The memorialists urged that, though the value of the annual mineral produce of this country amounted to 28,000,000*l.*, equalling four-ninths of the total amount produced by the whole of Europe, and far exceeding that yielded by any other State, the miners and metallurgists of the United Kingdom were unable to obtain that instruction in the theory and the practice of their calling, which had long been carefully provided for their foreign competitors in the mining colleges of France, Belgium, Prussia, Saxony, Austria, Spain, and Sweden, and the effect of which, in all cases, had been a marked increase in the economy, efficiency, and safety of mining operations.

Guided by those principles of policy which had led successive administrations to establish or to support schools of art and design, for the advantage of other great manufacturing interests, the Government acceded to the request of the memorialists ; the immediate realization of whose wishes was doubtless much facilitated by the circumstance that the complete nucleus of a mining school already existed in the officers, the laboratories, and the mineral and fossil collections of the Geological Survey of the United Kingdom.

This Survey, commenced single-handed by the late Sir Henry de la Beche, in the year 1834, had undergone a slow and gradual expansion, and as the value and the necessary magnitude of its operations became more obvious, had met with more and more support and encouragement from the State, until, in the year 1851, its working staff contained not only practical geologists and field surveyors, but a naturalist, a mining surveyor, a mineralogist, a metallurgist, and a chemist ; and the extensive fossil and other collections, which were not only the fruit of the labours of the Survey, but the justification of its maps, were lodged in the new and spacious museum in Jermyn Street, which had been expressly built for their display and for the purposes of the Survey, by the Government of Sir Robert Peel.

In order therefore to establish a school of mines, little more was necessary than that the Government should formally authorise a certain number of the officers of the Survey to teach those sciences with which it was their official duty to be acquainted ; and, in fact, when the School of Mines was instituted in 1851, all its professors, with a single exception, were officers of the Survey and Museum, and the students were taught in the theatres and laboratories, and by means of the collections which appertained to the pre-existing establishment.

The principal object of the Institution which had thus naturally grown out of, or engrafted itself upon, the Geological Survey of the United Kingdom, has always been and is to discipline the students of the school thoroughly in the principles of those sciences upon which the operations of the miner and metallurgist depend. Of course nothing but experience in the mine and in the laboratory can confer the skill and tact requisite for the practical conduct of these operations ; but, on the other hand, it is only by an acquaintance with scientific principles that the beginner can profit by that experience and improve upon the processes of his predecessors.

The Normal School of Science at South Kensington is intended, primarily, for the instruction of Teachers, and of students of the industrial classes selected by competition in the examinations of the Science and Art Department.

The Royal School of Mines is affiliated to the Normal School. Students entering for the Associateship of the School of Mines obtain their general scientific training in the Normal School.

Other students are admitted so far as there may be accommodation for them, on the payment of fees fixed at a scale sufficiently high to prevent undue competition with institutions which do not receive State aid.

The instruction in the Normal School is arranged in such a manner as to give the Students a thorough training in the general principles of Science, followed by advanced instruction in one or more special branches of Science.

The Associateship is granted in certain divisions or lines of study. Students who go through any one of the prescribed courses of instruction and pass the necessary Examinations receive a Certificate of Associateship of the Normal School, or of the Royal School of Mines.

But students who are not candidates for the Associateship are permitted to take up the course of instruction in one or more special branches of science, and on passing the examination receive a Certificate to that effect.

The Normal School and the Royal School of Mines are administered by a Council consisting of the Professors and some of the Lecturers, with a Dean as Chairman, and a Registrar.

The Associateship of the Normal School of Science is given in one or more of the following divisions—(a) Mechanics, (b) Physics, (c) Chemistry, (d) Biology, (e) Geology, (f) Agriculture, and the Associateship of the Royal School of Mines in (g) Metallurgy, (h) Mining.

The Session is divided into two Terms. The first Term begins about the 1st of October and ends about the middle of February. The second Term begins in the middle of February and ends about the middle of June.

The Christmas Holidays last about ten days, and the Easter Holidays about a week.

The course of instruction is the same for all the divisions during the first two years, after which it is specialised.

Examinations are held at the end of each course of instruction and at such other periods as may be found necessary. On the results of these



examinations the successful candidates are arranged in two classes, first and second. There are also "Honours" examinations for the subjects of the third and fourth years, the successful candidates being placed in order of merit.

A student obtains the Associateship who passes in all the subjects of the first two years of the special division he selects for his Associateship.

A student who goes through the prescribed course of instruction in any subject and passes the final examination in it receives a certificate to that effect.

The fees must be paid to the Registrar of the School before the commencement of each course.

Mathematics, 3*l.* per term; Practical Geometry and Mechanical Drawing, 3*l.* per term; Freehand Drawing, 1*l.* per term.

The fees for the first two years amount to 75*l.*, and for the remainder of the course for the Associateship they vary from 30*l.* to 40*l.*

Both the private, and the State-aided, students are required to furnish themselves with certain instruments and apparatus before the commencement of the courses. These are enumerated in the syllabuses of the several subjects.

Students who do not wish to attend the lectures are admitted for short periods to the laboratories, at the discretion of the Professors. The fees for the Chemical and Metallurgical and Physical laboratories are 5*l.* per month; for the Biological and Geological laboratories 4*l.* per month.

Admission is granted to persons desirous of attending the lectures without the laboratory instruction, on payment of the lecture fees.

Officers of the Army, Navy, and Civil Service, recommended by their respective Departments, are admitted to the Lectures and Laboratories at half the foregoing charges.

Students may be re-examined on payment of a fee of 1*l.* for each subject.

Associates of the Normal School of Science and of the Royal School of Mines have the privilege of free admission to the Library and to all the courses of lectures.

Science teachers actually engaged in teaching who have passed in the advanced stage, or in honours, in any subject in the May examination of the Science and Art Department, or in the December examination in Training Colleges, may attend any course of lectures on the payment of 1*l.*

Students who have joined the Royal School of Mines under the old regulations will be required to pass through the following courses of study:—

Second Year, First Term, Physics, Part I.; Second Term, Mechanics, Part I., Mechanical Drawing.

Third Year, First Term, Part I. (Geological Division); Second Term, Mineralogy and Geology, Part I.

Third Year, First Term, Mining and Assaying (Mining Division); Second Term, Geology and Mineralogy.

Third Year, First and Second Terms, Metallurgy with Laboratory practice (Metallurgical Division).

#### SUMMER COURSES FOR TEACHERS.

Short courses of instruction are given annually, about July, in different branches of Science for the benefit of Teachers of Science Schools in the country. The courses last three weeks. About 200 teachers are admitted to them, and they receive 2nd class railway fare to and from London, and

a bonus towards their incidental expenses of 2*l.* each. (See Science Directory.)

#### WORKING MEN'S LECTURES.

Three or four courses of evening lectures for working men are given annually during the winter months by the Professors and Lecturers of the Normal School and School of Mines. The admission to each course of six lectures which will be given at South Kensington, Jermyn Street, or Bethnal Green is 6*d.* The number of tickets is limited by the size of the lecture theatre.

#### EXHIBITIONS, SCHOLARSHIPS, AND PRIZES.

There are various Exhibitions, Scholarships, and free admissions attached to the School. They are as follows:—

##### *Royal Exhibitions.*

There are twelve Royal Exhibitions of the value of 50*l.* per annum, entitling the holders to free admission to all the lectures and the chemical and metallurgical laboratories, to be held from year to year for three years, on the condition that the holder attends the courses regularly during those years, complies with all the rules laid down for his guidance, and passes the examinations required for the associateship of the schools.

Three or four of the above Royal Exhibitions are open for competition at the May Examination, independently of the prizes, etc., offered by the Science and Art Department.

All persons over twenty-one years of age, excepting artisans and such as come within the category of persons paid under the Science Directory, will be excluded from competing for the Royal Exhibitions. Special cases, however, must be determined according to the spirit of the rules and the object of the endowment.

The competition for the Royal Exhibitions will be determined by affixing the following values to the several results of the May Examination.

The maximum number of marks obtainable in each subject, except mathematics, will be, in the Elementary stage, 100; Advanced stage, 200; Honours, 400. In mathematics the numbers will be, in the 1st stage, 100; 2nd stage, 200; 3rd stage, 300; Honours 500; 4th stage, 150; 5th stage, 300; Honours 500; 6th stage, 300; 7th stage, 400; Honours 600.

But in each case the number of marks gained in the Elementary stage (or in the 1st stage in Mathematics) will be diminished by the minimum number required to pass in that stage, and the number of marks gained in the other stages will be diminished by 20 per cent. of the marks obtainable in those stages.

The remainder will then be added together to determine the candidate's position.

But no candidate will be allowed to take an exhibition who has not obtained in Mathematics at least as many marks as are required for a second class in stage 2.

##### *Free Studentships.*

Six Free Studentships are awarded annually under the same rules and conditions as the Royal Exhibitions. They give the Student free admission to the lectures and laboratories for three or three and a half years, as the case may be.

*Teachers in Training.*

About fifty Teachers and Students in Science Classes, who intend to become Science Teachers, are admitted free to the Sessional Courses of instruction at the Normal School. They receive 2nd class railway fare to and from London, and a maintenance allowance of 21s. per week while there.

*Local Exhibitions.*

Free instruction is given to Local Exhibitioners. The rules for the creation of Local Exhibitions to which the locality contributes 25*l.* and the State 25*l.* are to be found in the Science Directory.

*Royal Scholarships.*

Four Scholarships, of fifteen pounds each, are given to the Students who shall stand highest on the list of those who have passed their examinations for the first year; and two Scholarships of twenty-five pounds each to that pupil who has gained the greatest number of marks in the examinations of the first two years.

*These Scholarships and Exhibitions are held on the conditions of the Student attending the courses of Lectures regularly, being examined once in the year, and passing satisfactorily.*

*The Edward Forbes Medal.*

The Trustees appointed by the Committee of the Edward Forbes Memorial Fund have presented to the Institution a bronze medal and a prize of books, to be awarded to the Student who does best in Biology.

*The De la Beche Medal.*

The Council awards annually to the Student who has passed highest in the first class in Mining a bronze medal and a prize of books.

*The Murchison Medal.*

A medal and a prize of books, the gift of the late Director, Sir Roderick Murchison, will be awarded annually to the Student who stands highest in the Geological Examination.

The *Bessemer Medal* for Metallurgy, and a *Tyndall Prize* for Physics.

## PLAN OF INSTRUCTION.

The mode of instruction is by systematic courses of Lectures, by written and oral Examinations, by practical teaching in the Laboratories and Drawing Office, and also, under certain conditions, by Field Excursions.

Further information may be obtained by application to the Clerk and Librarian, C. A. Patterson, Jermyn Street, London, S.W.

## PROFESSORS.

*Dean and Professor of Biology.*—Professor Huxley, Lect., F.R.S.

*Lecturer on Mining and Mineralogy.*—Warrington W. Smyth, M.A., F.R.S.

*Lecturer on Chemistry.*—E. Frankland, D.C.L., F.R.S.

*Lecturer on Astronomical Physics.*—J. Norman Lockyer, F.R.S.

*Lecturer on General Natural History.*—T. H. Huxley, LL.D., F.R.S., Dean of Council.

*Lecturer on Physics.*—F. Guthrie, F.R.S.

*Lecturer on Applied Mechanics.*—T. M. Goodeve, M.A.

*Lecturer on Metallurgy.*—W. C. Roberts, F.R.S.

*Lecturer on Geology.*—John W. Judd, F.R.S.

PROFESSORS (*continued*).

*Lecturer on Mechanical Drawing.*—J. Haythorne Edgar, M.A.

*Lecturer on Agriculture.*—J. C. Morton.

*Lecturer on Botany.*—F. O. Bower, B.A.

*Lecturer on Mineralogy.*—F. Rutley.

*Registrar.*—Major-General Martin, R.E.

## OLDHAM LYCEUM AND SCIENCE AND ART SCHOOL,

UNION STREET, OLDHAM.

This School was founded in 1840, incorporated in 1864, and was re-built and enlarged in 1880. It was formally opened on March 17th, 1881, by the Right Hon. the Earl of Derby, who distributed the prizes on that occasion.

The comprehensive arrangements made by the Science and Art Department for the encouragement of Technical Education, now supplemented on a large scale by the commendable action of the City and Guilds of London Institute, have had, and are still receiving, the fullest co-operation from this school, situated as it is in a locality where trade has been developed by giant strides, and the importance of technical training being self-evident to the community at large. By the munificent liberality of the representatives of the late Mr. J. Platt, new and commanding buildings have been erected for the furtherance of all those subjects of education which are embraced in the curriculum of schools devoted to science and art studies, now so necessary to enable the British workman to compete with the acknowledged taste of foreign workmen. During the 15 years' history of this school the number of students who have attended these classes exceeds 3,400. The school was incorporated with the Science and Art Department, South Kensington, during the session 1864-65. Funds for the maintenance of the work were provided by annual subscriptions, class fees, and payment on results from the Science and Art Department to the masters.

The following results will prove the "thoroughness" of the various studies:—In 1880 the City and Guilds of London Institute held the technological examinations, and this school gained the silver medal and advanced first prize of 3*l.* for mechanical engineering; also the bronze medal and honours, second prize (5*l.*) for wool dyeing. 442 students, 403 successes, including 18 honours, 3 national medals for honours, 3 Whitworth scholarship prizes, 2 second of 60*l.* each, 1 final second of 100*l.*, 1 Whitworth exhibition of 20*l.* per annum for two years.

Summary of scholarships and medals from 1865 to 1880 :—Gained 9 of the Whitworth scholarships and 9 prizes, 7 Whitworth exhibitions and 2 studentships, total value 3,690*l.*; 1 Bremner exhibition, 4 gold, 7 silver, and 6 bronze medals (grant of these medals discontinued since 1876); gained 10 national medals for honours, and 2 medals for technical examinations. The gross total of money received in prizes, exhibitions, and scholarships since 1867 is 5,490*l.* This amount, being awarded to the students, forms no part of the revenue of the school.

*Secretary.*—W. Bailey, Oldham.

## SCIENCE AND ART SCHOOL.

ST. THOMAS CHARTERHOUSE INSTITUTION, GOSWELL ROAD,  
LONDON.*President.*—Rev. H. Swain, M.A.*Treasurer.*—Sir I. H. Carre.*Head Master.*—W. C. Smith.

## EDINBURGH MUSEUM OF SCIENCE AND ART.

*Director.*—Prof. T. C. Archer, F.R.S.E.*Keeper of Natural History Collections.*—R. H. Traquair, M.D.*Curator.*—Alexander Galletly.*Assistant in Natural History Museum.*—J. Gibson.*Assistant in Industrial Museum.*—W. Clark.*Clerk.*—C. N. B. Muston.

## YORKSHIRE COLLEGE,

LEEDS.

At this institution (now incorporated under the Companies Act 1862 and 1867), which was opened in 1874, and is now handsomely endowed, instruction is given to students in Mathematics and Experimental Physics, Chemistry, Geology, and Mining, Biology, Civil and Mechanical Engineering, Classics, Mental and Moral Science, Modern Literature and History, Greek, German, Oriental Languages, Textile Industries, Dyeing, and other branches. Examinations are held at the end of each term. The title of Associate is conferred upon students who have been members of the College for not less than two entire sessions, have attended classes in not less than three subjects, and have passed (1) a Preliminary Examination, and (2) a Special Examination in each class at the end of their curriculum. Subjects of the Preliminary Examination—English Composition, and the outlines of English History and Geography; Elementary Mathematics, viz.—Arithmetic, Algebra to Simple Equations, and Euclid (Books I. and II.), and Latin, or one Modern European Language. Subjects for Special Examination—Mathematics, Physics, Chemistry, Geology, Biology, Ancient History and Literature, Modern History and Literature. A Course of Lectures, specially devoted to the application of Geology to Mining, Textile Industries, and other industrial pursuits, is given during each term. The Council are now able to give Scholarships amounting to nearly 600*l.* annually, and thirteen or fourteen Scholarships, of amounts more—and in some cases much more—than sufficient to pay all College expenses, are thrown open to competition every year. The Scholarships at the disposal of the College are the Cavendish Scholarship, the Salt Scholarship, and the Akroyd, Brown, and Clothworkers' Scholarships, viz., The Cavendish Scholarship of 50*l.*, awarded for investigations made by the candidates in any branch of Natural Science taught in the college, and is tenable for 1 year; the Salt Scholarship is tenable for 2 years, value 20*l.*; the Akroyd Entrance



Scholarships, each of the value of 25*l.* per annum, and tenable for 3 years. The Worshipful Company of Clothworkers of the City of London offer 4 Scholarships of the annual value of 25*l.* each, in connection with the Department of Textile Industries in the Yorkshire College, to be held by Students between the ages of 16 and 24 years. The Akroyd Scholarships are maintained by funds accruing from the Akroyd Trust, and are intended for the encouragement of the study of Natural Science. The Brown Scholarships were endowed by the late Henry Brown, Esq., who bequeathed 5,000*l.* for the purpose of founding five or more Scholarships, to be called the Brown Scholarships, for students attending the said College of Science. The Devonshire Exhibition in connection with the Keighley School of Science and Art, of the annual value of 50*l.*, is tenable at the Yorkshire College, and at other Institutions. And Whitworth Scholarships—6 Scholarships of 100*l.* a year, tenable for 3 years—are competed for at the May examinations of the Science and Art Department. It is understood that the requisite amount—viz., 7,500*l.*—has now been subscribed to endow the Chair of Physics at Yorkshire College, Leeds, as a memorial of the late Lord F. Cavendish, who was Chairman of the Council of the College. Lectures are also given on the Theory and Practice of Coal Mining, Mining Engineering, and Colliery Management. The fees are extremely moderate. There is also a School of Medicine in connection with this school, see Medical Section. The London Clothworkers' Company, who have for years past aided the cause of technical education, resolved at a meeting of the court of governors in July 1883, to make an additional grant of 10,000*l.* to this College, to be applied to the enlargement of the textile industries department, more extensive accommodation being required for both the dyeing and weaving sections.

*Perpetual Life Governors.*—His Grace the Duke of Devonshire, K.G., LL.D., F.R.S., and four others.

*President.*—The Most Hon. the Marquess of Ripon, K.G.

*Chairman.*—Sir Edward Baines, and a Council of 24 members.

*Principal.*—Professor John Marshall, M.A.

#### PROFESSORS, LECTURERS, AND INSTRUCTORS.

##### MATHEMATICS AND EXPERIMENTAL PHYSICS.

Professor A. W. Rücker, M.A., sometime Fellow of Brasenose College, Oxford.

##### CHEMISTRY.

Professor T. E. Thorpe, Ph.D., F.R.S., F.C.S.

*Assistant Lecturer.*

C. H. Bothamley, F.C.S.

##### GEOLOGY AND MINING.

Professor A. H. Green, M.A., F.G.S., sometime Fellow of Gonville and Caius College, Cambridge.

*Assistant.*—H. B. Hall.

##### COAL MINING.

(Chiefly maintained by the Drapers' Company of the City of London.)

*Instructor.*—Arnold Lupton, Mem. Inst. C.E., F.G.S.

##### BIOLOGY.

Professor L. C. Miall, F.L.S., F.G.S.  
*Assistant Lecturer.*—Alfred Denny.

##### CIVIL AND MECHANICAL ENGINEERING.

Professor G. F. Armstrong, M.A., F.G.S., C.E.

##### CLASSICAL LITERATURE AND HISTORY.

Professor N. Bodington, M.A.

## MENTAL AND MORAL SCIENCE.

Professor N. Bodington, M.A.

## MODERN LITERATURE AND HISTORY.

Prof. Cyril Ransome, M.A., Oxon.

## FRENCH.

*Lecturer.*—John Willis, Ph.D.

## GERMAN AND ORIENTAL LANGUAGES.

*Lecturer.*—Joseph Strauss, Ph.D.*Registrar and Secretary.*—W. F. Husband, LL.B.*Treasurer.*—William Beckett Denison.

## TEXTILE INDUSTRIES.

(Endowed and appointed by the Cloth-workers' Company of the City of London.)

*Instructor.*—John Beaumont.*Assistants.*

J. Webster, A. Schofield,

R. Beaumont.

## DYEING.

(Endowed and appointed by the Cloth-workers' Company of the City of London.)

*Instructor.*—J. J. Hummel, F.C.S.*Assistant.*—W. Gardner.

## LIVERPOOL UNIVERSITY COLLEGE.

At this Institution Day Classes in Arts and Science, and Evening Lectures, are held to male and female students alike, at extremely moderate fees. The Classes of the Medical Faculty are open to male students only. No person under fifteen years of age will be admitted as a day student, and all under sixteen will be required to pass a Preliminary Examination previous to admission, which will consist of three parts—(1) Language; (2) Mathematics; (3) Science. It will not be necessary to qualify in all of these groups. In order to give some idea of the total cost involved by College training, the following tables are drawn up showing the complete series of lecture courses provided for Candidates for the London University Matriculation and Intermediate Examinations, which involve preparation in a large number of different subjects. For the Matriculation Examination—

|                       |                                       |     |     | £        | s. | d. |
|-----------------------|---------------------------------------|-----|-----|----------|----|----|
| LATIN.                | Junior Course (Lent and Summer Terms) | ... | ... | 3        | 0  | 0  |
| "                     | Grammar and Composition               | ... | ... | 3        | 0  | 0  |
| GREEK.                | Junior Course (Summer Term)           | ... | ... | 1        | 7  | 6  |
| "                     | Grammar and Composition               | ... | ... | 3        | 0  | 0  |
| FRENCH OR GERMAN      | ...                                   | ... | ... | 4        | 0  | 0  |
| ENGLISH (Summer Term) | ...                                   | ... | ... | 1        | 10 | 0  |
| MATHEMATICS.          | Junior Course                         | ... | ... | 4        | 0  | 0  |
| NAT. PHILOSOPHY.      | Mechanics (Autumn and Lent Terms)     | ... | ... | 2        | 2  | 0  |
| "                     | Physics. General Lecture              | ... | ... | 0        | 15 | 0  |
| "                     | Hydrostatics and Pneumatics           | ... | ... | 1        | 10 | 0  |
| CHEMISTRY.            | (Autumn Term)                         | ... | ... | 2        | 10 | 0  |
|                       |                                       |     |     | £26 14 6 |    |    |

The College Classes provide a complete curriculum for the various London University Examinations from the Matriculation upwards, and the College has been recognized by the Senate of the University of London as a centre for the holding of the June Matriculation Examination, the Intermediate Examination in Arts and in Science, the Preliminary Scientific Examination, and the B.A. (Pass) Examination.

The local entrance fee will be the same in all cases, viz.—1*l.* for the Matriculation Examination, and 2*l.* for any other Examination. Luncheon and Refreshment Rooms are provided upon the College premises,

and are open to all Students. Four entrance Scholarships have been founded, each of the value of 20*l.* per annum. These Scholarships are tenable for two years, and payable half-yearly. At the close of the Autumn Term there will be a General Examination of Students in the various departments of College work. This examination will extend over three days, and a Syllabus of Evening Lectures and Classes will be supplied by the Registrar.

*Principal*.—Professor Rendall, M.A., and 18 Professors and Lecturers.

*Registrar*.—Signor Eugenio Londini, D.L.

## HARRIS INSTITUTE, AVENHAM, PRESTON.

This Institution was founded through the munificent liberality of the late Mr. Harris, Prothonotary of Lancashire, who left over 200,000*l.* for useful public objects, and who resolved to grant 40,000*l.* for the foundation of a Science, Art, and Technical School for Preston. The Preston Institution for the diffusion of useful knowledge is now merged into the Harris Institute, the objects being the promotion of Literature, Art, Science, and Technical instruction. But the primary object of the formation of the Institute is the promotion of Technical instruction, and that the other subjects named are intended, so far as practicable, to be furthered with that object mainly in view; and as a Technical School, by this expression it is not intended to be one in which merely the manipulation or routine of a particular trade is taught, but rather one where general instruction is given in the principles of science, and subsequently special instruction in the application of those principles to the operations of special trades.

The course of instruction is divided into four departments or sections; viz.,—(1) Art. (2) Chemistry. (3) Physics. (4) Mechanics. This Institute is filling a most important place in the education of the town in a practical direction, as regards both Art and Science, but its usefulness is capable of considerable expansion with extended means. Instruction is given in Freehand Drawing, Practical Geometry, Perspective and Architectural Drawing, Drawing from Models, Drawing and Painting Flowers, Foliage, Landscape, Still Life, etc., Drawing Ornament, Ornamental design, Drawing the Human Figure from copies, Anatomical Drawing, the Study of the Antique, Drawing the Human Figure from Draped Life Model. Students are required to follow a progressive course, and not to advance to higher work till the Master shall consider them qualified for it. During the Winter and Spring Terms courses of Lectures are given on Geometry, Model Drawing, Perspective, Anatomy, etc.

Prizes and Scholarships are given to Students in addition to the Government awards. A Scholarship of 45*l.* a year, tenable at the South Kensington Art Training School, or some other leading Institution for instruction in Art, will shortly be open for competition by Students attending classes at the Institute. The School year or Session is divided into three Terms of about 13 weeks each. The fees are for the Morning classes, 2*l.* per year, or 17*s.* 6*d.* per term; for Evening classes, 10*s.* per year, or 5*s.* per term.

*President*.—Wm. Ascroft, Esq., J.P.

*Vice-President*.—The Rev. George Steele, M.A., H.M. Inspector of Schools.

*Head Master*.—W. B. Barton.

# TECHNICAL EDUCATION.





# TECHNICAL EDUCATION.

## INTRODUCTORY REMARKS.

Technical education, though it often forms a topic of discussion, is comparatively little understood in England, and until within the last few years has still less frequently been put into practice. Its primary objects are to improve the minds of artisans with all that has been heretofore accomplished in their particular handicrafts, at home and abroad, and to encourage the exercise of the greatest attainable perfection in mechanical skill.

The subject of technical education was first brought under the consideration of the Corporation in May, 1877, in a letter from the associated livery companies inviting the Corporation to nominate representatives, which they did, to attend a meeting on the matter. The resolutions passed at that meeting relative to a scheme for a national system of technical education were laid before the Court, and afterwards the Court nominated thirty representatives on the Board of Governors of the livery companies for the advancement of that education.

The City Companies had for some time past seriously considered the important subject of technical education, and it is a matter perfectly in harmony with duties properly belonging to these guilds; for they, in a great measure, owe their existence to the necessity that arose in bygone times for the greater development and protection of the various trades, and were especially created to discourage bad and slovenly workmanship.

The City Companies proposed, some time ago, to erect on the Thames Embankment a College, with an endowment out of their funds of 20,000*l.* per annum, and intended that it should be formed into a Central Technical University, to which would be attached a Technical Training College and Institute; but South Kensington was the site ultimately determined upon. A general meeting of the masters of the several companies was convened about three years ago to decide upon what should be done, and a committee was formed, of which Lord Selborne (who had been Master of the Mercers' Company) was chairman, and Mr. F. Bramwell, of the Goldsmiths' Company, was vice-chairman. This committee subsequently submitted a series of propositions, the chief object of which was "the improvement of the technical knowledge of those engaged in the manufactures of this country, whether employed as workmen, managers, foremen, or as principals."

Twelve Livery Companies, including those of the Mercers, Drapers, Fishmongers, Goldsmiths, and Clothworkers, promised annual contributions amounting to nearly 12,000*l.*, on the condition that a sound working programme was agreed upon. The aim is to impart a thorough knowledge of the scientific or artistic principles upon which particular manufactures depend, and it was believed that it could be best furnished by the establishment of a Central Institution in London, and local branch Trade Schools to be opened in different districts.

Public education in France is divided into five faculties, those of literature, law, medicine, theology, and science. Foremost amongst the schools for technical education stands the *Ecole Polytechnique*, with its branches, the *Ecole des Mines*, and the *Ecole des Ponts et Chaussées*, destined exclusively for the education of Government, railway, and mining engineers,

not to speak of the military and naval branch of the school, nor of the comparatively few who join the *Regie de Tabac*. The admission to the *Ecole Polytechnique* is by competitive examination. The degree of Bachelor in Science or Literature is required for admission to the competition. This examination is a somewhat severe test of sound primary education, as it comprises the whole of arithmetic, elementary geometry, algebra, trigonometry, descriptive geometry, physics and general chemistry, and a knowledge of German. From 120 to 150 are admitted per annum, out of a number five times as great, who present themselves for examination. The pupils at the *Ecole Polytechnique* are boarded and lodged at the establishment at Government expense, and the studies are purely scientific.

Hitherto the only establishment in Great Britain comparable with the *Ecole Centrale* as regards metallurgy was our School of Mines.

## CITY AND GUILDS OF LONDON INSTITUTE FOR THE ADVANCEMENT OF TECHNICAL EDUCATION.

### PRESIDENTS AND OFFICERS OF THE INSTITUTE.

*President*—H.R.H. The Prince of Wales, K.G.

*Vice-Presidents*—The Right Hon. Earl Selborne, F.R.S., Lord Chancellor (Chairman of Council); Sir Frederick J. Bramwell, F.R.S., M. Inst. C.E. (Chairman of Executive Committee); Sir S. H. Waterlow, Bart., Ald., M.P. (Treasurer).

*Honorary Secretaries*—John Watney, F.S.A.; W. P. Sawyer; Owen Roberts, M.A.

*Director and Secretary*—Philip Magnus, B.Sc., B.A.

*Solicitor*—W. S. Prideaux, Goldsmiths' Hall.

*Offices*—Gresham College, London, E.C.

The report of the Council for the year 1883 was issued on the 1st of August, 1883, and contained many encouraging features, one being in the particulars of the work done by women. In the South London Technical School, the numbers of women students have, during the past year, not fallen far short of those of the men; and in some branches, such as wood engraving, they have been largely in excess. The figures are not, indeed, very considerable as yet, but they are growing; and they have to be taken in connection with those of many other departments of instruction, if we wish to form a true idea of the activity which has lately begun to characterise the movement for female education in this kingdom. In all classes of society, and in all stages of attainment, the last few years have seen an immense advance in this direction. In the Universities, as in the Board schools, our sisters have begun to assert, and to justify, their claim to as good an education as is given to their brothers. Cambridge, as well as London University, the Royal University in Ireland, and Victoria College, Manchester, have already thrown open their degree examinations to women, granting them the usual degrees; and the smallness of the majority by which a like proposal was lately defeated in the Hebdomadal Council shows that in Oxford the same measure is but a question of time

What an improvement has lately taken place in girls' schools is a fact so well known that it need not be dwelt on, and one of the best results of an organization like that of the City and Guilds Institute will be to develop all over the country many centres of good training and educated skill. The number of candidates who presented themselves for examination on May 30th, 1883, was 2,397, as against 1,972 in 1882, showing an increase of 425. 148 prizes were granted, including 48 silver medals and 95 bronze medals.

FINSBURY TECHNICAL COLLEGE, the foundation-stone of which was laid by His Royal Highness the Duke of Albany in 1881, was opened in January, 1883, and more than 500 students are receiving instruction in mechanical engineering, electrical engineering, industries involving applications of chemistry, the building trades and cabinet-making, and other art industries. As to the classes in the Finsbury College, it would seem that last session 1,108 tickets were issued, and that in the recent winter term 652 tickets were taken by 513 students. A summary of results showed that during the past year examinations were held in 147 centres in different parts of the country, that 1,972 candidates were examined, of whom 1,222 had obtained certificates, being an increase of 327 successful candidates compared with the number in 1881. At least one-third of the successful candidates had come from Bolton, Glasgow, Manchester, Bradford, and Oldham, and the mention of these great centres of industry was enough to show that what was highly appreciated there must be most useful for the purposes of the industries of the country generally. Coming, then, to the grants in aid of branch institutions, those of £400 a year were continued to University and King's College, London, as also the grant of £250 a year to the School of Art wood-carving, and of £350 to the British Horological Institute.

The following table gives the result of the examinations since the year 1879 :—

| Year. | Number of Centres. | Number of subjects of Examination. | Number of Candidates. | Number of Candidates who passed. |
|-------|--------------------|------------------------------------|-----------------------|----------------------------------|
| 1879  | 23                 | 7                                  | 202                   | 151                              |
| 1880  | 85                 | 24                                 | 816                   | 515                              |
| 1881  | 115                | 28                                 | 1,563                 | 895                              |
| 1882  | 147                | 37                                 | 1,972                 | 1,222                            |
| 1883  | 150                | 38                                 | 2,397                 | 1,498                            |

The South London School of Technical Art has continued its useful work. The number of candidates for the Technological Examinations has steadily increased, and additional grants have been made to provincial institutions.

The building of the Central College at South Kensington is proceeding rapidly. It is expected that this central institution will be completed and formally opened during the summer of 1884. The foundation-stone was laid in July, 1881, by His Royal Highness the Prince of Wales. At this institution, science of a higher class in its applications will be taught to advanced students. It will not be a mere *Ecole Centrale*, such as we have referred to in France, or a mere *Polytechnische Schule*, such as we

find in Germany. These schools are very efficient in a certain way ; but, after all, you cannot learn the business of a trade in a school. You must go into the workshop. One thing in which this institute will be of great importance is the formation of teachers of technical science. These have to be exceedingly well instructed in science generally ; they have moreover to study special science as applied to particular crafts, and they have to know sufficient of the craft itself to explain the connection of that science and that craft to the young.

### TECHNOLOGICAL EXAMINATIONS, 1883-4.

The City and Guilds of London Institute for the advancement of Technical Education will afford facilities for carrying out an examination in any of the subjects enumerated in the list given below, wherever a class for instruction is formed, or a sufficient number of candidates present themselves, provided a local committee undertake to carry out the examination according to the rules laid down in the programme.

The committee of any Art or Science School under the Science and Art Department,\* or any School Board, or any "Local Examination Board" connected with the Society of Arts,† will be accepted as a suitable committee for superintending the Institute's examinations. In special cases, also, the Institute may entertain propositions for the establishment of special local committees for the technological examinations.

### SUBJECTS OF EXAMINATION.

1. Alkali manufacture ; 2. Bread-making ; 3. Brewing ; 4. Distilling—*a.* Coal-tar distilling, *b.* Spirit manufacture ; 5. Sugar manufacture ; 6. Fuel ; 7. Oils, colours, and varnishes, manufacture of ; 8. Oils, illuminating and lubricating, manufacture of ; 9. Gas manufacture ; 10. Iron and steel manufacture ; 11. Paper manufacture ; 12. Pottery and porcelain manufacture ; 13. Glass manufacture ; 14. Dyeing—*a.* Silk, *b.* Wool ; 15. Bleaching, dyeing and printing of calico or linen ; 16. Tanning leather ; 17. Photography ; 18. Electro-metallurgy ; 19. Textile fabrics, manufacture of—*a.* Cloth, *b.* Cotton, *c.* Linen, *d.* Silk, *e.* Jute ; 20. Lace manufacture ; 21. Weaving and pattern designing ; 22. Electrical engineering—*a.* Telegraphy, *b.* Electric lighting and transmission of power, *c.* Electrical Instrument making ; 23. Metal plate work ; 24. Plumbers' work ; 25. Silversmiths' work ; 26. Watch and clock making ; 27. Tools—*a.* Wood working, *b.* Metal working ; 28. Mechanical engineering ; 29. Carriage building ; 30. Printing ; 31. Ores, mechanical preparation of ; 32. Mine surveying ; ‡ 33. Milling (flour manufacture). In the subjects numbered 4, 14, 19, 22, 27, candidates must select one branch only, *a, b, c, d, or e*, in which to be examined.

The examination will be in two grades :—1. Ordinary, or "pass" ; 2. Honours. Certificates (first and second class) will be awarded in each grade.

\* A list of these committees can be obtained upon application to the Secretary of the Science and Art Department, South Kensington, London, S.W.

† A list of these boards can be obtained upon application to the Secretary of the Society of Arts, Adelphi, London, W.C.

‡ The practical examination for the Honours grade will be held at Camborne, and in the neighbourhood of Newcastle-on-Tyne, provided a sufficient number of candidates apply to be examined before April 20th, 1883. Candidates for examination in Honours must have passed in a previous year the examinations in the ordinary grade, or elementary grade (programme 1881).



Besides passing the Institute's examination in technology, candidates will be required, in order to obtain the full technological certificate in the ordinary or pass grade, to have passed the Science and Art Department's examination, in the elementary stage at least, in two of certain science subjects which are named in the syllabus of the several technological subjects; and to obtain the full technological certificate in the Honours grade, they will be required to have passed the Science and Art Department's examination in the advanced stage, at least, in two out of the same list of subjects, unless they can give such other evidence as is mentioned in the following clause, showing that they possess the necessary scientific knowledge.

The Institute will accept as evidence of the candidate's knowledge of the necessary science subjects—1. A certificate stating that the candidate has obtained a degree in science at one of the Universities of the United Kingdom; 2. Certificates from the Professors at any of the following Institutions (the list to be added to from time to time):—Any University of the United Kingdom; the City and Guilds of London Technical College, Finsbury; the Normal School of Science and Royal School of Mines; University College, London; King's College, London; the Owens College, Manchester; the Yorkshire College, Leeds; University College, Bristol; Mason's College, Birmingham; University College, Nottingham; the Royal College of Science, Ireland; stating that the candidate has attended courses of instruction under the Professors at one of the above Institutions in the science subjects allied to the technological subject in which the full certificate is claimed, and has passed an examination in such science subjects satisfactory to the Professors.

#### PRIZES.

The following prizes will be offered in each subject:—Honours grade: 1st prize, 5*l.* and a silver medal; 2nd prize, 5*l.* and a bronze medal. Ordinary grade: 1st prize, 3*l.* and a silver medal; 2nd prize, 3*l.* and a bronze medal; 3rd prize, 2*l.* and a bronze medal; 4th prize, 1*l.* and a bronze medal; 5th prize, a bronze medal.

The examinations for the year 1884 will be held in May.

There is no limit of age, and no fee for examination. Any persons desiring to be examined should apply not later than April 27th, to the Secretary of the nearest local committee, who will forward their names to the Central Office in London. No application from any candidate can be received after April 27th.

Copies of the programme, containing full particulars of the examinations, a syllabus of each subject, and the examination papers of 1884, can be obtained from the Central Office of the City and Guilds of London Institute, Gresham College, London, E.C.

#### LIST OF EXAMINERS FOR THE YEAR 1883.

1. *Alkali manufacture*.—Watson Smith, Esq., F.C.S., and Alfred E. Fletcher, Esq.
2. *Bread-making*.—Professor Charles Graham, D.Sc., F.I.C.
3. *Brewing*.—Professor Charles Graham, D.Sc., F.I.C.
4. *Distilling*.—A. *Coal-tar distilling*; B. *Spirit manufacture*.—Professor H. E. Armstrong, Ph.D., F.R.S., W. H. Perkin, Esq., F.R.S.
5. *Sugar manufacture*.—C. Haughton-Gill, Esq., F.C.S.
6. *Fuel*.—Professor Edmund J. Mills, D.Sc., F.R.S.



7. *Oils, Colours, and Varnishes, manufacture of*.—Professor Barff, M.A.
8. *Oils, illuminating, and lubricating, manufacture of*.—Professor Edmund J. Mills, D.Sc., F.R.S.
9. *Gas manufacture*.—A. Angus Croll, Esq., Assoc. Inst. C.E.
10. *Iron and Steel manufacture*.—Dr. C. Alder Wright, F.I.C., F.C.S.
11. *Paper manufacture*.—E. Bevan, Esq.
12. *Pottery and Porcelain manufacture*.—G. R. Redgrave, Esq.
13. *Glass manufacture*.—James Pellatt Rickman, Esq. (Pellatt & Co.)
14. *Dyeing—A. Silk; B. Wool*.—J. I. Hummel, Esq., F.C.S.
15. *Bleaching, Dyeing, and Printing (Cotton or Linen)*.—William Crookes, Esq., F.R.S., and J. Riley, Esq.
16. *Tanning Leather*.—Henry R. Procter, Esq.
17. *Photography*.—Captain Abney, R.E., F.R.S.
18. *Electro-Metallurgy*.—George Gore, Esq., LL.D., F.R.S.
19. *Textile Fabrics, manufacture of*—
  - A. *Cloth*.—Joseph Wrigley, Esq.
  - B. *Cotton*.—J. Butterworth, Esq.
  - C. *Linen*.—Michael Andrews, Esq., and Henry McCance, Esq.
  - D. *Silk*.—Thomas Dickens, Esq.
  - E. *Jute*.—
20. *Lace manufacture*.—E. Doughty, Esq.
21. *Weaving and Pattern-designing*.—John Orr, Esq., and Major W. H. Shepherd.
22. *Electrical Engineering*—
  - A. *Telegraphy*.—Wm. Henry Preece, Esq., F.R.S., M. Inst. C.E.
  - B. *Electric Lighting and Transmission of Power; C. Electrical Instrument making*.—Professor W. E. Ayrton, F.R.S., A.M. Inst. C.E.
23. *Metal plate work*.—Professor Huntington.
24. *Plumbers' work*.—W. Eassie, Esq.
25. *Silversmiths' work*.—James Garrard, Esq.
26. *Watch and Clock making*.—Edward Rigg, Esq., M.A.
27. *Tools—A. Wood-working; B. Metal-working*.—J. J. Holtzapffel, Esq., Assoc. Inst. C.E.
28. *Mechanical Engineering*.—Professor John Perry, M.E.
29. *Carriage-building*.—G. A. Thrupp, Esq.
30. *Printing*.—
31. *Ores, Mechanical preparation of*.—John Darlington, Esq.
32. *Mine Surveying*.—James Henderson, Esq., M. Inst. C.E.
33. *Milling (Flour manufacture)*.—W. Proctor Baker, Esq.

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## TECHNICAL COLLEGE, FINSBURY.

*Principal*—Philip Magnus, Esq., B.Sc., B.A.

The Technical College, Finsbury, referred to above, has for its objects the education of—(1) Persons of either sex who wish to receive a scientific and practical preparatory training for intermediate posts in industrial works. (2) Apprentices, journeymen, and foremen, who are engaged during the day-time, and who desire to receive supplementary instruc-

tion in the art practice and in the theory and principles of science connected with the industry in which they are engaged. (3) Pupils from middle-class and other schools, who are preparing for the higher scientific and technical courses of instruction to be pursued at the Central Institution.

The College therefore fulfils the functions of a finishing technical school for those entering industrial life at a comparatively early age; of a supplemental school for those already engaged in the factory or workshop; and of a preparatory school for the Central Institution.

The College embraces the following four chief departments or faculties: 1. Mathematical and Mechanical; 2. Physical; 3. Chemical; 4. Applied Art.

The College is under the general direction of the Principal or Superintendent of Studies. At the head of each department is a Professor, who is assisted by one or more Demonstrators; and besides these there are lecturers and teachers for instruction in special subjects. Skilled artisans are employed in the workshops for the guidance of the students.

The instruction in all the departments consists of lectures, class lessons, laboratory, studio, and workshop practice. Each complete course of day instruction extends over a period of two years, but students may remain longer at the College. The evening course for apprentices lasts three years.

The day classes comprise regular and systematic courses for those who, on leaving the College, are intended to at once enter the factory, workshop, or some commercial pursuit, as well as for those who will proceed to the Central Institution for higher instruction; and it is expected that the pupils of the day classes will attend all the courses of instruction recommended under the department which they enter. The evening classes, intended for apprentices, foremen, and others, are more especially adapted to the requirements of those who are already engaged in specific industries. The students of these classes can ascertain from the head of each department the courses of instruction best adapted to their several trades.

The industries or trades to which the courses of instruction at the Finsbury Technical College specially apply are—

1. Mechanical Engineering.—Professor John Perry, M.E.
2. Electrical Engineering.—Professor W. E. Ayrton, F.R.S.
3. Industries involving applications of Chemistry.—Professor Henry E. Armstrong, Ph.D., F.R.S.
4. The Building Trade.—Head Master, A. P. Brophy.
5. Cabinet-making and other art industries.

The courses of instruction, however, will be, as far as possible, so arranged as to meet the requirements of persons preparing for other occupations, as well as apprentices, workmen, and foremen engaged in other trades not comprised under these headings.

In each of the departments of mechanics, physics, and chemistry, attendance at certain prescribed classes, hereinafter indicated, and satisfactory progress in these classes, as tested by examination, will be accepted by the Council from candidates for the Institute's full technological certificate as equivalent to passing certain of the Science and Art Department's Examinations in pure science.

In July, 1884, and at the close of every following session, certificates will be granted, on the award of the Professors, to students in any depart-

ment who shall have satisfactorily attended the prescribed courses of that department

The Holl Scholarship of £20 a year for two years, tenable at the Technical College, Finsbury, to be competed for annually, will be awarded to a pupil of certain middle-class schools named in the scheme, in accordance with the conditions therein contained.

The Council have under consideration the foundation of scholarships of 50*l.* per annum, with free education, tenable at the Central Institution, to be awarded to Students of the Finsbury College, who, after the completion of a two years' course, are recommended by the Professors to receive them, and whose circumstances justify the Committee in awarding them.

The session at the Finsbury Technical College is divided into three terms:—The winter term, commencing on the first Monday in October, and ending on December 21st. The spring term, commencing on the second Monday in January, and ending about the 21st of March. The summer term, commencing about the 15th of April, and ending about July 16th.

A composition fee of 4*l.* per annum, and 1*l.* for the use of apparatus and material, payable in advance, secures attendance at the day classes to all the prescribed courses of any one department. The composition fee for a single term is 2*l.*, and 10*s.* for materials, etc. Day students entering the College in January, 1884, will be admitted for the remainder of the session at a composition fee of 3*l.*, and 1*l.* for the use of apparatus and materials.

The fees for the separate evening courses vary from 5*s.* to 12*s.* for the session of about nine months, or from 3*s.* 6*d.* to 6*s.* for a single term.

A composition fee of 1*l.* 10*s.* per annum (or 1*l.* for students entering in January), and 10*s.* for the use of apparatus and material, payable in advance, admits a student to all the evening classes he may require to attend.

Apprentices are admitted to any of the evening courses at half the ordinary fees.

A programme of the courses of instruction in the several departments may be obtained from the Principal.



## SOUTH LONDON TECHNICAL ART SCHOOL,

122 & 124, KENNINGTON PARK ROAD, S.E.

SESSION 1883-4.

*Director and Secretary*—Philip Magnus, B.Sc., B.A.

*Superintendent of Studies*—John Charles Lewis Sparkes.

I.—MODELLING.

*Teacher*—Mr. J. Frith.

Classes for modelling meet every night, from 7 o'clock till 9.30, except Saturday. The fee for the life class is 5*s.* per month, or 2*l.* for the session of ten months: for the ornament class 2*s.* 6*d.* per month, or 1*l.* for the entire session, payable in advance.

The course of instruction is arranged to meet the wants of all persons working at plastic art, such as carvers in wood, stone or marble plasterers, die sinkers, potters, modellers for potters, silver and goldsmiths' work, architectural carvers and decorators, sculptors, and others.

## IIA.—DESIGN (ADVANCED).

*Lecturer and Teacher*—Mr. Hugh Stannus.

The class meets on every Wednesday evening, from 7 to 9 o'clock. The fee is 2s. 6d. per month, or 1l. for the entire session, payable in advance.

Instruction is given in higher decoration and design, especially in the Italian and classical styles.

Lectures, designing objects in a given time, and lessons to the individual student, will occupy the alternate evenings. Details will be found on separate prospectus.

## IIB.—DESIGN (ELEMENTARY).

*Teacher*—Miss Amy Walford.

Classes for the study of design meet on Tuesday, Wednesday, and Friday evenings, from 6 to 8.30.

The fee is 2s. 6d. per month, or 1l. for the entire session, payable in advance.

Instruction is given by lectures and practice in—1. Drawing, flowers, foliage, and natural forms; 2. The arrangement of these studies in elementary designs.

All members of the class must have taken the second grade certificate of the Science and Art Department, or must be prepared, or preparing, to do so.

The course is adapted to students engaged in the practice of ornamental art, such as lithographers, engravers, house decorators, designers for textile fabrics, pottery, and all surface decorations.

Students find their own materials.

## III.—WOOD ENGRAVING.

*Teacher*—Mr. C. Roberts.

The studio is open daily, except Saturdays, from 10 to 4, and from 6 to 8 in the evening. Students are expected to attend regularly and punctually.

The fees are 3l. a year, payable by half-yearly sums of 1l. 10s. in advance. No student can be admitted for a shorter period than one year.

The sections taught are—1. Line cutting; 2. Tinting; 3. Fac-simile cutting; 4. Finished work in (a) ornament, (b) landscape, (c) figure; 5. Drawing on wood.

Male and female students occupy separate class rooms.

## IV.—CHINA PAINTING.

*Teacher*—Miss Florence Lewis.

Pending the extension of the buildings now occupied by the City and Guilds of London Technical Art School, this class will be held at the Lambeth School of Art, Miller's Lane, Upper Kennington Lane, S.E. It meets on each Tuesday and Friday, from 11 to 4.

The course consists of instruction in the manipulation of simple colours, and afterwards of those that require greater skill for their successful use. Landscape, figure, and decoration by natural flowers ornamentally arranged are the subjects principally taught, and all the practice at present is confined to working "over the glaze."

Students have the privilege of selling their works (if they are approved and passed by the Superintendent of Studies) at the sale rooms of Messrs. Doulton & Co., Albert Embankment, S.E.

#### V.—LIFE CLASSES (DRAWING AND PAINTING).

*Teachers*—Mr. L. C. Nightingale and J. H. Smith.

Classes meet on every evening, from 7 to 9.30 p.m. for the study of the draped and undraped model in alternation. Fee, 5s. per month, or 2l. for the whole session, payable in advance.

The study of the life is carried on to the highest point, and is arranged to give adequate instruction to students engaged in painting figures for pottery decoration, wood drawing, and all other applications of figure work to industrial art.

All classes, except those of modelling and drawing from the undraped model, are for male and female students.

The course of instruction occupies forty weeks of the year. The vacations are the months of August and September, one week at Christmas and one week at Easter or Whitsuntide.

TIME TABLE.

| Subject.                                   | Day<br>Classes. | Evening<br>Classes. |                                 |
|--------------------------------------------|-----------------|---------------------|---------------------------------|
| Modelling ...                              | ...             | 7—9.30              | Every evening except Saturday.  |
| Design (Elementary)...                     | ...             | 6—8.30              | Tuesday, Wednesday, and Friday. |
| Design (Advanced) ...                      | ...             | 7—9                 | Wednesday.                      |
| Wood Engraving ...                         | 10—4            | 6—8                 | Daily, except Saturday.         |
| China Painting ...                         | 11—4            | ...                 | Tuesday and Friday.             |
| Life Classes (Drawing<br>and Painting) ... | ...             | 7—9.30              | Every evening except Saturday.  |

For further particulars and forms of admission, apply at the South London Technical Art School, 122, Kennington Park Road; or at 22, Berners Street, Oxford Street (Society for Promoting the Employment of Women); or at the Central Office of the City and Guilds of London Institute, Gresham College, London, E.C.

PHILIP MAGNUS, B.SC., B.A., *Director and Secretary.*

## THE SCHOOL OF TELEGRAPHY AND ELECTRICAL ENGINEERING.

12, PRINCES STREET, HANOVER SQUARE, W.

This establishment is the only general Electrical Engineering School in England, and supplies an effective course of tuition and training in



every branch of applied electricity. Youths of fourteen years old and upwards are received; and since the opening of the school in 1868 upwards of 3,000 pupils have passed through the course. Officers in the Navy, Army, Civil Engineers, sons of professional men, and others, may acquire thorough practical knowledge of all the systems of working, of the construction and management of land and submarine telegraphs, of telephone lines, systems and exchanges, of the construction and management of electric light apparatus, of the operations of telegraphy in the field, as applied to warfare, testing wires, lines, and materials employed, submarine cable testing, localising faults, etc. The systems taught are those in general use in home and foreign service, qualifying students for any branch of the profession. The complete course for students requiring instruction in the practical, theoretical, and scientific branches extends over nine months. Hours of study, ten to five daily. The practical portion includes tuition in all systems of signalling, and in the use of the various instruments employed for testing, etc. The theoretical part embraces gas and other motors, mathematics, mechanics, and chemistry, to general physics in relation to electricity, electro-statics, electro-dynamics (voltaic electricity), magnetism, electro-magnetism, and magneto-electricity (including the theory of, and mode of constructing, dynamo and magneto-electric machines).

The theory of electric lighting by means of arc and incandescent lamps (including the principles of their construction). The theory and details of construction of the various forms of secondary batteries or accumulators. The theory of the telephone and microphone. Testing and localising faults in conductive circuits. Engineering formulæ, etc., etc. These subjects are also delivered in lectures, by well known authorities, to the various classes.

The pupils are divided into two classes, the elementary and advanced. Candidates wishing at once to enter the advanced class will be required to pass a preliminary examination; otherwise they will have first to qualify themselves in the elementary class.

**TERMS.**—The fee for the complete course, payable in advance, is seventy-five guineas.

Examinations held, and certificates granted, for immediate service.

Candidates preparing for professions, competitive examinations, or appointments in which sound scientific and technical knowledge is required, are privately instructed in mathematics, mechanical and natural philosophy, chemistry, chemical analysis, and other sciences.

Home, Foreign, and Submarine Telegraph Companies, Electric Light and Telephone Companies, are supplied with thoroughly efficient officers, on application to the Secretary.

*Managing Director*—Mr. T. I. Jones, M.S.T.E. *Secretary*—W. N. Tiddy.

## GLASGOW TECHNICAL COLLEGE.

WELL STREET, CALTON, GLASGOW.

Founded in 1877. Endowed partly by Merchants of Glasgow and partly by Clothworkers' Company of London. The fees for a session of nine months are: Day Classes, 6*l.* 6*s.*; Evening Classes, 4*l.* 4*s.* JOHN ORR, *Convener*.

## HARTLEY INSTITUTION.

## SOUTHAMPTON.

Founded by the bequest of the late Henry Robinson Hartley, 1859, and publicly opened by the late Viscount Palmerston, K.G., 1862. Established to promote the study and advancement of the Sciences of Natural History, Astronomy, Antiquities, Classical and Oriental Literature, and the Fine Arts, in the town of Southampton. The Institution building, with the site on which it stands, has cost upwards of 20,000*l.*, and comprises the following Departments: the Circulating Library, the Reference Library, the Reading Rooms, the Museum, the Art Gallery, the Lecture Hall, the School of Science and Engineering, the School of Art, the Department of General Literature, the Evening Classes, and the Reading Room of the Southampton Chamber of Commerce. The educational departments are arranged to prepare candidates by theoretical and practical instruction, for Engineering and other Scientific pursuits, for the Indian Services, the Army, the Civil Services, and the Universities. There are large Laboratories and Class-rooms for the practical study of Natural History, and a School of Art forms part of the scheme. The educational department comprises School of Engineering and Technical Science, School of General Literature, Department of Preliminary Medical Education, School of Art. Fees, 15*l.* to 25*l.* per annum. Scholars are admitted above 14 years of age.

## EDUCATIONAL STAFF.

*Head Master.*

T. W. Shore, F.G.S., F.C.S.

*Executive Officers.*J. Brierley; S. Halford Hobley,  
L.R.C.P.; J. Jeffares, M.A., 17thWrangler; Rev. G. Forbes Steven,  
M.A.; H. L. du Domaine; J.  
Niedermann; H. Glasspool;  
T. W. Shore, Junior, B.Sc., Univ.  
London; A. W. F. Langman,  
Mem. Soc. Arts.

## NEWCASTLE-UPON-TYNE COLLEGE OF PHYSICAL SCIENCE.

*See University of Durham.*

## THE METROPOLITAN SCHOOL OF SHORTHAND.

27, CHANCERY LANE, LONDON, W.C.

ESTABLISHED 1870.

Among the many advantages afforded at this School, to Students who are desirous of becoming acquainted with the easy and philosophical system of Pitman's Shorthand, the following are enumerated:—

A large staff of experienced Teachers and the Principal are assisted by a staff of eight Reporters and Shorthand Teachers, who have been for several years professionally engaged in the above capacities, and whose direct interest in the progress of pupils is insured by their salaries consisting principally of passing fees. At this School the Instruction is given either *individually* or *strictly* private, the teacher not instructing more than *one* pupil in one room. The various grades of instruction

proceed concurrently in different rooms, from ten in the morning till ten in the evening.

Terms for a thorough knowledge of Shorthand until the Pupil is completed to his satisfaction and can write 150 words per minute, 5*l.* 5*s.*

Six preliminary lessons can be received for 5*s.* 6*d.* When these lessons have been taken, payment of the fee for the course can be made, on the Pupil obtaining Pitman's Certificate and writing sixty words per minute. *Principal*, E. S. Gunn.

## PHYSICAL EDUCATION.

THE LONDON GYMNASIUM AND SCHOOL OF ARMS.

232, OXFORD STREET, OXFORD CIRCUS.

This School was founded in 1838, and having been recently re-built and re-fitted, it is the most complete in the Metropolis, and being most centrally situated, is easy of access from all parts. It was originally opened by the late Captain Chiosso, author of several treatises on Physical Education, Inventor and Patentee of the Calisthenic and Gymnastic Polymachinon, and author of a work on the subject, Professor of Physical Education at University College School, London, who erected about the year 1838 the first Gymnasium at that establishment, it being one of the earliest Gymnasias erected in London.

In these days, when so many women are engaged in intellectual pursuits of a high character, the question of their physical training *ought* to receive more attention than it has hitherto done.

*Principals*, Mr. J. T. Chiosso and Mr. P. J. Chiosso.

## SCHOOL OF ART WOOD-CARVING.

ROYAL ALBERT HALL, KENSINGTON, S.W.

*In connection with the City and Guilds of London Institute for the Advancement of Technical Education.*

The above School has been established with a view of encouraging the art of Wood-Carving in this country as a branch of the Fine Arts.

Both Day and Evening classes are held in the School. The Day classes are held from 10 to 5 on five days a week, and from 10 to 1 on Saturdays. The Evening classes are held from 7 to 9 on four evenings a week, viz., Monday, Tuesday, Thursday, and Friday. The fees for Day Students are 2*l.* a month, or 5*l.* a quarter. The fees for Evening Students are 15*s.* a month, or 2*l.* a quarter.

There are at present twelve Free Studentships in the School, viz., six in the Day classes and six in the Evening classes, the fees for which are paid from funds supplied by the City and Guilds of London Institute for the advancement of Technical Education. The holders of these Studentships are selected by the Committee of the School from persons of the industrial class who are intending to earn their living by Wood carving. Candidates must have passed the 2nd grade Art Examination of the Science and Art Department in Freehand Drawing at least. Those who

have some knowledge of Wood Carving, or have passed in the other subjects of the 2nd Grade Art Certificate, or in drawing from the Antique and the Figure, Architectural Drawing, or Designing, or in Modelling, will be preferred. Applications for these Studentships should be addressed to the Hon. Secretary at the School.

All Students are required to provide their own tools, and work done in the School by Free Students cannot be taken away. Students paying their own fees may take away work executed by themselves on their own materials, but all work on materials provided by the School remains the property of the School.

Students who have been in the School not less than twelve months may, on the recommendation of the Instructor, receive such payment for their work as the Committee may determine.

By permission of the Lord President of the Council, students of the School have the privilege of free admission to the South Kensington Museum and Libraries on production of their School Tickets.

Wood Carving for the trade is undertaken by the School, and instruction is also given by correspondence.

*Chairman.*—Colonel J. F. D. Donnelly, R.E.,  
and a Committee of Management.

*Treasurer and Hon. Secretary.*—T. Healey, Esq.

*Instructor.*—Signor Bulletti.

*Manager.*—Miss Rowe.

## BERNERS COLLEGE OF EXPERIMENTAL SCIENCE,

44, BERNERS STREET, LONDON, W.

This College was founded in 1860, for the purpose of teaching Science theoretically and practically in all its branches, and is in connection with the Government Examining Boards.

*Professor and Director.*—E. V. Gardner, F.G.S.  
Assisted by other Professors.

## NATURAL MUSEUM OF SCIENCE AND ART FOR IRELAND,

LEINCESTER HOUSE, KILDARE STREET, DUBLIN.

This Institution was founded by Act of Parliament in 1877. It was previously under the control of the Royal Dublin Society. It now embraces the following departments:—1. Natural Library of Ireland. Readers are admitted on introduction by members of the Royal Dublin Society.—*Librarian*, W. Archer, Esq., F.R.S. 2. Museum of Natural History.—*Director*, A. Curtis, Esq. 3. Agricultural Museum. 4. Metropolitan School of Art.—*Head Master*, S. E. Lyne, Esq. 5. Botanic Gardens, Glasnevin.

## ROYAL DUBLIN SOCIETY,

LEINCESTER HOUSE, KILDARE STREET,

For promoting Husbandry and other useful Arts and Sciences in Ireland ; it is the oldest Society of the kind in the United Kingdom, was founded in 1731, and incorporated by Charter in 1750.

*Secretaries.* { G. I. Stoney, A.M.  
C. Kelly, I.P.Q.C.

## ROYAL IRISH ACADEMY,

19, DAWSON STREET, DUBLIN.

This Institution was incorporated in 1786 for promoting the study of Science, Polite Literature, and Antiquities.

*Secretaries.* { J. K. Ingram, LL.D.  
R. S. Bull, F.R.S.  
W. Archer, F.R.S.

*Librarian.*—R. Atkinson, LL.D.

*Curator.*—Captain MacEniry.

## THE ROYAL COLLEGE OF SCIENCE,

STEPHEN'S GREEN, DUBLIN.

This Institution, which is situated on the east side of Stephen's Green, is under the Science and Art Department, South Kensington, London, is a continuation of what was once the Museum of Irish Industry and School of Science. When first founded the Museum was simply Exhibitional, and was formed on the model of the London School of Mines. Subsequently, when Dr. Lyon Playfair was one of the Secretaries in the English Department of Science and Art, the courses of lectures which used to be delivered in the Royal Dublin Society House were transferred here. A particular branch of the present course of Studies is Chemistry. To aid the development of this study a laboratory has been added, and under the present Professor of this Science the College has made much advancement. Several of the pupils having gone from it to England, and there gained the highest honours the London University can bestow.

In 1864 a select Committee advised that the exhibitional functions of the Institution should be handed over to the Royal Dublin Society, in whose buildings a national museum on the plan of South Kensington would soon be inaugurated. The title of the S. Stephen's Green Establishment then became "The College of Science," and the whole of its duty is now instructional.

This College costs the country 7,000*l.* a year, and it supplies a complete course of instruction in Science applicable to the industrial arts, and especially those which may be classed under the heads of Mining, Agriculture,



Engineering, and Manufactures. The course of instruction extends over three years, each divided into two terms, of which the first begins on the first Monday in October, and second on the first Monday in February; the former continuing to February, and the latter to June 21. There are four Royal Scholarships of 50*l.* per annum, tenable two years—two vacant each year—and nine Royal Exhibitions of 50*l.* each, tenable for three years, entitling the holders to free admission to all the Lectures and to the Chemical and Metallurgical Laboratories for three years.

The fees include all the courses of the respective years, and are moderate.

Students wishing to make one payment for the whole three years' Courses of Lectures, are allowed to compound for 25*l.*, which is in addition to the Laboratory fees.

Students entering at the commencement of the Session for the two courses in Physics, pay only 3*l.*, and are entitled to present themselves at both examinations.

The fees are in all cases payable in advance.

The holders of Royal Scholarships or Royal Exhibitions pay no fees.

#### SUBJECTS OF INSTRUCTION.

- |                                                  |                                          |                        |
|--------------------------------------------------|------------------------------------------|------------------------|
| 1. Applied Mathematics.                          | 5. Chemistry, Theoretical and Practical. | 10. Mining.            |
| 2. Descriptive Geometry, and Mechanical Drawing. | 6. Botany.                               | 11. Applied Chemistry. |
| 3. Mechanism.                                    | 7. Zoology.                              | 12. Metallurgy.        |
| 4. Physics, Theoretical and Practical.           | 8. Geology and Palæontology.             | 13. Machinery.         |
|                                                  | 9. Mineralogy.                           | 14. Engineering.       |
|                                                  |                                          | 15. Surveying.         |

*Dean of Faculty.*—A. C. Haddon, B.A.

*Secretary.*—J. P. O'Reilly, C.E.

### GARTSHERRIE SCIENCE SCHOOL,

#### GARTSHERRIE, SCOTLAND.

This School was founded in 1845, and is in union with the Department of Science and Art, South Kensington, London, and about 200 students are in attendance. At the close of the Session, the Government Department of Science and Art holds Examinations at the School, by means of printed questions, to which answers are written in presence of the Committee, and in the absence of the Teachers. These answers are submitted to the official Examiners in London, who thence determine the position of each Student in the subjects of study. During the last eleven Sessions, 1474 Science Certificates, 454 Queen's Prizes, 8 Scholarships, and 7 University Exhibitions of 50*l.* each have been awarded to Students of this School, and also two free Studentships at the South Kensington Science Schools, London. The Vacations are from June to October. There is a large chemical laboratory with fifty sets of apparatus. It is the only School of Mine Engineering in Scotland.

**FEES.**—Science subjects (8 months), 8*s.*; Chemical Laboratory Practice, 12*s.* extra.; Latin, Greek, and Logic (6 months), *alone*, 10*s.*; *with Science subjects*, 13*s.*

**Head Master.**—T. T. Rankin, C. & M.E., University of Glasgow, and ten resident and non-resident Masters.

## THE MASON SCIENCE COLLEGE, BIRMINGHAM.

This College, which has been erected at a cost, with endowments, of 170,000*l.*, was built, founded, and endowed by Sir Josiah Mason, who commenced life as a shoemaker, and it was opened in 1880. At present there are only four departments in the College—chemistry, physics, mathematics, and biology—but the trust deed of the founder provides that the trustees shall, from time to time, reconsider the curriculum of the College, with the view of introducing other subjects, so as to enable the inhabitants to obtain the best and most practical scientific instruction.

It provides for a thorough systematic education in Science, with a distinctly practical application to the industries of the midland district, and particularly those of Birmingham and of Kidderminster. Popular instruction is given in the practical application of science by means of evening lectures to artizans and others who cannot attend the classes for regular systematic instruction.

The session runs from October to July—and examinations are held in December, March, and June yearly.

No student is admitted under sixteen without having passed a preliminary examination, and all departments of the College are open to women upon the same conditions as men.

The course of studies in each department, the fees, hours of attendance, etc., will be supplied by the Secretary.

*Bailiff.*—J. Gibbs Blake, B.A., M.D.

*Mathematics.*—M. J. M. Hill, M.A.

*Physics.*—J. H. Poynting, M.A.

*Chemistry.*—W. A. Tilden, D.Sc., F.R.S.

*Biology.*—T. W. Bridge, M.A.

Various other professors.

*Curator.*—S. Allport, F.G.S.

*Secretary.*—G. H. Morley.

## SCHOOL OF SCIENCE AND ART, FALKIRK, N.B.

This new school of Science and Art is in connection with South Kensington, and was opened on the 21st September, 1878,—new buildings having been erected for the purpose; and at the opening ceremonial Lord Rosebery addressed the meeting in the following words: "He did not think there could be many more pleasant signs of the times—there might be more remarkable—than the development of this anxiety for information in Science and Art. It formed a distinct landmark in our intellectual advancement, it showed that we had passed the time when the first object of our lives was a struggle for elementary education. It showed, moreover, that there was a generation grown up which was anxious to have explained the mysteries of Science, and which was anxious also to partake of the grace of refinement and of Art.

Charles G. Dewberry, M.A., C.C., Camb. Mathematical Master of Blair Lodge School, near Falkirk, is the Lecturer of Mathematics and applied Mechanics.

## OUR SCHOOLS OF ART.

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### ROYAL ACADEMY OF ARTS,

BURLINGTON HOUSE, PICCADILLY, LONDON, W.

About 300 Students are educated, of whom about forty are admitted annually under the following regulations :—

It is required that applicants for admission should have already attained such proficiency as will enable them to draw or model. An acquaintance with Anatomy (comprehending a knowledge of the skeleton, and the names, origins, insertions, and uses of at least the external layer of muscles) is indispensable for those who are to pursue the branches of Painting, Sculpture, and Engraving.

A Painter is required to produce, as a specimen of ability, a finished drawing in chalk, about two feet high, of an undraped antique statue ; or, if of the Theseus or of the Ilyssus (the only mutilated figures admissible), it must be accompanied by drawings of a head, hand, and foot. Similar specimens will be required from Engravers.

A Sculptor must send a model, either in round or in relief, about two feet high, of an undraped antique statue, accompanied by a drawing in outline of a similar figure.

Prior to the delivery of the specimens referred to, the applicant must obtain from the Registrar, through the written request of any member of the Academy, or other artist or person of known respectability, a printed form, the blanks of which must be filled up and delivered, with the drawings or model, at the Royal Academy, on or before the 28th of June or the 28th of December, to be submitted to the first Council held after those dates. If approved of, the applicant will be entitled to admission as a probationer, and three months are allowed in which to prepare within the Academy a set of drawings or a model and drawings. The time of attendance to be from ten o'clock in the morning until three in the afternoon.

A Painter or Engraver will be required, during his probation, to make a finished drawing, in chalk, not less than two feet high, from an undraped antique statue, together with an outline drawing or drawings of the same figure anatomized, showing the bones and muscles in one or two drawings, with references to the several muscles, tendons, and bones contained therein.

A Sculptor will be required, during his probation, to produce a model, in the round or in high relief, not less than two feet high, from a similar figure, together with an outline drawing or drawings of the same figure anatomized, showing the bones and muscles in one or two drawings, with references to the several muscles, tendons, and bones contained therein.

These drawings and models will be submitted to the Council, together with the drawings or models originally presented by the applicant for

admission as a probationer. Should they be considered satisfactory by the Council, the probationer will then be admitted as a Student of the Royal Academy, for seven years, and receive a ticket of admission from the Keeper.

Each candidate to be Student in Architecture shall submit to the Council four drawings (not necessarily made for the occasion), viz., a plan, elevation, and section, or details of some existing building, or a sufficiently important portion of a building or other monumental structure, together with a tinted or shaded drawing from a cast or in the round; such drawings being declared by him in writing to have been wholly executed by him, and the same being attested by the person recommending him, to the best of his knowledge and belief. The drawings shall be accompanied by a certificate (on a printed form to be obtained at the Academy) from an Architect Member of the Royal Academy, of the Royal Institute of British Architects, or of any other public institution for teaching Art and Science, certifying that the applicant has followed up the study of Architecture and Architectural Drawing, and has acquired a reasonable degree of proficiency in the same. If such drawings and certificates are approved by the Council, the candidate shall be required to make, in the Academy, further drawings of a similar nature to those sent in, at least one original complete design, and a sketch design and drawing from the cast executed each in one day, in the Architectural Class Room, which drawings, together with those originally submitted, shall be laid before the Council; and if approved, the candidate will be admitted as Student for seven years, in like manner as other Students.

Those who have been unsuccessful in their first endeavours can renew their application at any subsequent period, by again going through the prescribed forms; but the drawings or models submitted must be different from those sent in on any previous occasion.

If any candidate shall be found endeavouring to impose on the Academy, by presenting, as specimens of his talents, drawings or models not of his own performance, he shall be declared incapable of being admitted a Student of the Royal Academy.

All instruction in the Academy is gratuitous, the Student providing his own materials

Persons resident in London or its vicinity must apply personally.

*President.*—Sir Frederick Leighton, R.A.

*Keeper.*—F. R. Pickersgill.

*Secretary.*—Fred. A. Eaton, M.A.

*Registrar.*—Henry Eyre.

*Librarian.*—J. E. Hodgson, R.A.

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## SCIENCE AND ART DEPARTMENT OF THE COMMITTEE OF COUNCIL ON EDUCATION, SOUTH KENSINGTON.

A sum of money is voted annually by Parliament for instruction in Art in the United Kingdom, and is administered by the Science and Art

Department, hereinafter called the Department. The nature of the aid given towards instruction in Science is explained elsewhere.

The head of the Education Department, of which the Science and Art Department is a branch, is the Lord President of the Council, assisted by a member of the Privy Council, who is called the Vice-President of the Committee of Council on Education, and who acts under the direction of the Lord President, and for him in his absence. (Order in Council, 25th February 1856, Act 19 and 20 Vict. c. 116.)

The object of this vote is to promote instruction in Drawing, Painting, and Modelling, and Designing for Architecture, Manufactures, and Decoration, especially among the industrial classes.

To effect this object, the Department will give aid towards the teaching of Elementary Drawing in Elementary Day Schools ; towards the teaching of Drawing in Art Classes ; towards instruction in Art in Schools of Art ; and towards the training of Art Teachers. The Art Library and Collections of Decorative Art at South Kensington are also made available for the purposes of instruction in Schools of Art. Detailed information as to the regulations may be had of the Registrar at the Schools, or to the Secretary, Science and Art Department, South Kensington Museum, London.

### LECTURES AT SOUTH KENSINGTON.

A course of twelve Lectures on Anatomy as applicable to the Arts is given in each session. The Spring course may be attended by ladies. Fee for the course, 6s. For a single lecture, 1s.

Other Lectures will be delivered occasionally, and duly announced.

The Schools are open free for the inspection of the public every Saturday, from 2 till dusk. Entrance through the Museum.

Metropolitan District Schools of Art are now established at the following places :—

1. The Female School of Art, 43, Queen's Square, Bloomsbury.
2. City and Spitalfields, New Bishopsgate Ward Schools.
3. St. Thomas's Charterhouse, Goswell Road.
4. St. Martin's-in-the-Fields, Castle Street, Long Acre.
5. Lambeth, Miller's Lane, Upper Kennington Lane.
6. West London, 204, Great Portland Street.
7. North London, Sandringham Road, Kingsland.
8. Islington, 21, Cross Street.
9. Stratford, Maryland Point.
10. Westminster, St. Mary's, Hyde Place, Vincent Square.
11. Westminster, Royal Architectural Museum.

These Schools are open in the evening from 7 to 9, and there are Female Classes at most of them. Applications for admission, prospectuses, or any other information, should be made at the School in each district.

There is an annual examination for prizes in all the Schools, and a national competition. In 1883, at the annual exhibition of prize works, besides the gold and silver medalists, of which there were fifty-six prize winners, sending in designs for such subjects as wall decoration, printed silk hangings, wall paper, tiles, lamps, mirrors, and drawings of figures in chalk, oils, and watercolours, one hundred and two works were adjudged worthy of the bronze medal. Besides the medals nearly 200 national book



prizes were awarded to a miscellaneous collection of watercolour sketches and samples of modelling. In all the number of drawings, etc., sent up from the Schools of Arts was 225,253, from 191 centres. Of these 926 were passed for the national competition.

#### SCIENCE DIVISION.

*Director.*—Col. J. F. D. Donnelly, R.E.

*Assistant Director.*—J. F. Iselin, M.A.

*Official Examiner.*—F. Rede Fowke.

*Assistant Examiner.*—C. A. Buckmaster, M.A.

#### ART DIVISION.

*Director for Art.*—T. Armstrong.

*Assistant Director.*—H. A. Bowler.

*Assistant Secretary.*—Col. J. D. F. Donnelly, R.E.

*Chief Clerk.*—G. Francis Duncombe.

## THE NATIONAL ART TRAINING SCHOOL.

SOUTH KENSINGTON, LONDON, S.W.

This school is under the Science and Art Department of the Committee of Council on Education. The courses of instruction pursued in the School have for their object the systematic training of teachers, male and female, in the practice of Art and in the knowledge of its scientific principles, with a view to qualifying them as teachers of Schools of Art competent to develop the application of Art to the common uses of life, and to the requirements of Trade and Manufactures. Special courses are arranged in order to qualify Schoolmasters of Elementary and other Schools to teach elementary drawing, concurrently with reading and writing, as a part of general education.

The instruction comprehends the following subjects:—Freehand, Architectural, and Mechanical Drawing; Practical Geometry and Perspective; Painting in Oil, Tempera, and Water Colours; Modelling, Moulding, and Casting. The classes for Drawing, Painting, and Modelling, include architectural and other ornament, flowers, objects of still-life, etc., the figure from the antique and the life, and the study of Anatomy as applicable to Art.

In connection with the Training School, and open to the public, classes, meeting separately, for male and female students, are established; the studies comprise Drawing, Painting, and Modelling, as applied to ornament, the figure, landscape and still-life. The fees charged on admission to these classes are as follows:—Fees for classes studying for five whole days, including evenings, 5*l.* for five months, and an entrance fee of 10*s.* Evening classes: male school, 2*l.* per session; artisan class, 10*s.* per session, 3*s.* per month; female school, 1*l.* per session, three evenings a week.

Teachers in private schools or families may attend the day classes for not more than three months on payment of 1*l.* per month, without payment of the entrance fee.

No students can be admitted to these classes until they have passed an examination in freehand drawing of the 2nd grade. Examinations of

candidates will be held weekly at the commencement of each session, and at frequent intervals throughout the year. These examinations are held at the School on Tuesdays, at 11.45 a.m. and 6.45 p.m. Unsuccessful candidates cannot be re-examined until after a month's interval. Candidates who have already passed an examination in freehand drawing are admitted on application to the Registrar, without further examination.

The Annual Sessions, each lasting five months, commence on the 1st of March and the 1st of October, and end on the last day of July and the last day of February respectively. Students who have passed the examination may join the School at any time, on payment of fees for not less than five months, but those who have already paid fees for five months may remain until the end of the scholastic year on payment of a proportional fee for each month unexpired up to the 31st July in each year. The months of August and September are not counted as part of the five months paid for. The months of August and September, one week at Christmas, and one week at Easter and Whitsuntide are vacations. The School will be open every day *except Saturday*. Hours of study—Day, 9 to 3.30; Evening, 7 to 9. Evening Classes for Females on Tuesdays, Thursdays, and Fridays.

Classes for Schoolmasters, Schoolmistresses, and Pupil Teachers of Elementary Schools meet on two evenings in each week. Fee, 5s. for the session.

Students properly qualified have full access to the collections of the Museum and Library, either for consultation or copying, as well as to all the School Lectures of the Department.

*Visitor*.—E. J. Poynter, R.A.

*Director of Art*.—T. Armstrong.

*Principal*.—J. Sparkes.

*Mechanical and Architectural Drawing*.—H. B. Hagreen.

*Geometry and Perspective*.—E. S. Burchett.

*Modelling*.—E. Lanteri and F. M. Miller.

*Painting, Freehand Drawing of Ornament, etc., the Figure and Anatomy, and Ornamental Design*.—J. Sparkes, C. P. Slocombe, T. Clack, and F. M. Miller.

*Etching*.—A. Legros.

*Wood Engraving*.—Charles Roberts.

*Registrar*.—Lieut.-Col. Sussex W. Lennox.

*Lady Superintendent of Female Classes*.—Miss Trulock.

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## THE CRYSTAL PALACE COMPANY'S SCHOOL OF ART, SCIENCE, AND LITERATURE,

SYDENHAM, KENT.

LADIES' DIVISION.

The School was established to utilise the valuable courts and collections of the Crystal Palace for the purposes of instruction in Art, etc., so that education of the highest class might be afforded on reasonable terms under

most advantageous conditions. The original design of the Crystal Palace was to promote education, and for that purpose large sums were expended in Science and Art collections. The Ladies' division now has 500 regular students and 30 professors and instructors. The Directors are seeking to develop the educational department of the Palace into a Collegiate institution for the South of London. The Cambridge Local Examinations for ladies are conducted at the Palace, and it is the fourth centre for them in England in importance. Courses of lectures are regularly delivered in this School by teachers appointed by the Cambridge Syndicate, which constitutes this not only an Examining but a Teaching Centre of the University. The Vice-Chancellor's certificate can be worked for and obtained here only. Courses by the ordinary teachers of the school are also delivered in or near London.

The Studios and Class Rooms are strictly private. Statues and Art objects, trees, plants, etc., may be moved into the Studios for use by the Professors and Students.

The system of tuition is for some subjects in the manner of private tutorial instruction, but some subjects are taken on the University method of Lecture and Class by Professors from the Universities. A Student may take lessons in one or several studies at option. Lessons are counted from date of inscription.

A Committee of Ladies assists the Directors in the immediate management of the Ladies' Division.

Parents of present and of past Students have the privilege of introducing pupils to the School direct. Strangers must, if requested, give a reference for the satisfaction of the Ladies' Committee.

The mother, or a Professional Governess, or other lady deputed to represent the mother, may, under certain conditions, accompany the pupil.

A Student's ticket admits the holder to the Palace free on those days when the classes she attends are held. Pupils have free use of the Reading Room, and certain privileges in connection with the Company's Library, which contains a valuable collection of educational works and books of reference.

The School is a public centre for both the University of Oxford and the University of Cambridge Local Examinations, in addition to its own University Examinations.

*The General Term commences on October 1st, and closes July 31st.*

### FREE SCHOLARSHIPS.

The undermentioned Annual Scholarships are awarded by independent Examiners at the close of the Session in July :—

IN ART.—Value 30*l*. Open to those Students who obtain the Certificates awarded by the Committee of Artists at the close of the Session, in accordance with the Regulations. The Committee of Artists shall adjudge the Scholarship to that one of the Students gaining Certificates who in their estimation manifests most promise in art. The award will entitle the gainer to instruction during the next ensuing Session, without any payment of fees, or for models, from any of the Art Masters in the School whom she may select, or from all.

IN MODERN LANGUAGES, LITERATURE, ETC.—Value 25*l*. Entitling the gainer, during the next ensuing Session, to Studentship, free of any fees, in the Classes or Lectures in French, German, Italian, English, and General

History. Open only to Students who have attended during one entire Session, and no more, for the subjects that are chosen. To be awarded by independent Examiners at the end of the Session. Candidates may elect to be examined in any of the above subjects, but must pass in two of them.

IN MUSIC.—Value 40*l*. Entitling the holder to Instruction, free of any fees, in Pianoforte Playing, or Solo Singing, Pianoforte Performance, Harmony, Counterpoint, and Solfeggi, with freedom to select any Instructor in the School, during the next ensuing Session. Open to any Student who has studied either of the above-named subjects in the School during the entire Session preceding. The Examination will be in all the subjects, but Candidates must pass in at least two of them.

### UNIVERSITY EDUCATION FOR LADIES.

The Syndicate appointed by Grace of the Senate of the University of Cambridge to organize and superintend Courses of Lectures and Classes, will, during the Session of the Crystal Palace School of Art, Science, and Literature, conduct Courses on the within-mentioned subjects in the Ladies' Division of the School. The Syndicate have made the following Regulations for the conduct of the Lectures and Classes :

"The teacher to remain in the Lecture Room for some time after the conclusion of each Lecture and Class in order to answer questions, or solve the difficulties which have occurred to pupils, and to give advice as to the reading of text-books and other means of efficiently studying the subject.

"Each Lecture to be accompanied by a syllabus distributed to the pupils, and by questions. Those who desire to answer these questions to do so in writing at home, and to be at liberty to submit their answers to the teacher for correction and comment.

"The Class in each subject to be formed only from among those who attend the Lectures in that subject, and to consist of those who are desirous of studying it more fully. The Class, at the discretion of the teacher, either to take up the subject of the Lectures or cognate subjects bearing directly thereon and necessary for the better elucidation of the subject of the Lectures. The teaching in the Class to be more conversational than that in the Lecture."

The teaching in a Course of Lectures and Classes is of a strictly continuous character.

Written Examinations are held at the conclusion of each Course by Examiners appointed by the Syndicate, open to any pupil who has attended any complete Course of Lectures and Classes.

### THE VICE-CHANCELLOR'S CERTIFICATE.

For the purpose of this Certificate, the subjects of Lectures can be classified in three groups : A, including the branches Literature, Language, Political Economy, History, Logic ; B, including the branches Political Economy, History, Logic, Moral Science ; C, including the branches Natural Science, Logic.

*Superintendent Educational and Literary Department.*—F. K. J. Shenton.



## CRYSTAL PALACE SCHOOL OF PRACTICAL ENGINEERING.

### GENTLEMEN'S DIVISION.

This School was established in 1871, with the purpose of affording to students of civil or of mechanical engineering the advantage of thorough practical instruction in the rudiments of either profession, and in the manipulation of materials. The leading object is to prepare students, by systematic practical instruction, for professional articles ; so that on entering an Engineer's office or works, the pupil may at once be useful to his principal, and enabled to take advantage of the opportunities for learning open to him, because he has mastered the elementary details of the profession.

The School is also available for Students already articled, who desire instruction either in the offices or shops ; for gentlemen anxious to become Engineering Draughtsmen ; or to compete for the Whitworth Scholarships ; or to enter the Steam Mercantile Marine ; or to fit themselves by practical knowledge of scientific and mechanical work and expedients, for life in the colonies or abroad, as explorers or settlers, especially when they may be entirely dependent on their own resources.

Candidates for admission to this School are required to pass a preliminary or entrance examination in the rudiments of arithmetic, algebra, and geometry, the mechanical powers, the composition and resolution of forces, and the elements of mechanical drawing. Applicants who are not ready for this examination, or who fail to pass it, can be received for preparatory instruction designed to fit them for passing the entrance examination. Fee for this tuition, 50 guineas, or 17*l.* 10*s.* per term.

Students must be sixteen years of age before they can be examined for entrance into the School of Engineering.

The mechanical course is comprised in one year, and is designed to convey instruction essential either to the student who intends to be a Civil Engineer, or to one who intends to follow exclusively the mechanical branch of the profession. The year is divided into three terms of fifteen weeks each, leaving seven weeks for vacations :—Easter Term, from first week in January till last week in April. Summer Term, from last week in April till first week in August. Winter Term, from first week in September till the week before Christmas.

One term of the course is devoted to the study of Mechanical Drawing, another to Pattern Making and Foundry Work, and a third to Fitting and Smiths' Work. While the Students are employed in the Drawing Office, they are engaged in making drawings of machinery and constructions ; in tracing, in getting out quantities and estimates, and in calculating the strength of materials. In the Pattern Shops they are employed in preparing patterns or models of engines and machinery ; in the Fitting Shop, in fitting and erecting engines of from 3 to 6-horse power, or other suitable work for the market ; in the Smiths' Shop and Foundry, in forging, moulding, and preparing small castings.

Lectures on Engineering subjects are delivered to the Students on Mondays and Thursdays. During these Lectures, Students are expected to take notes ; they have examples given them to work out before the next



Lecture, and are examined upon the subjects of the Lectures at the expiration of each term. A list showing the order of merit in which the candidates stand in the examination is duly exhibited.

The premium for the course is fifty guineas, payable to the Crystal Palace Company in advance ; and for additional term, 17*l.* 10*s.* each ; a single term in either of the offices or shops, 25*l.* Students can enter the School at any time, but they will commence their regular course at the beginning of the next ensuing term. The intermediate period will, in such case, be employed in preparatory work, and the fee of 52*l.* 10*s.* will be increased in exact proportion to the time.

### CIVIL ENGINEERING.

The instruction is intended to be supplementary to the Mechanical Course of the School, and like it, a preparation for articles ; or it can be attended separately ; and the Student can attend one or more of the terms into which the tuition is divided. In 1882 there were 90 Students in attendance.

The tuition for those who have not attended the Mechanical Course is divided into three terms each of fifteen weeks.

The first term is common to the Civil and Mechanical Engineers, and is devoted to instruction in steam and mechanical subjects.

The second term is devoted to preliminary instruction in practical surveying and levelling, including the use of instruments, and the preparation of parliamentary plans and estimates for various Public Works.

The third term is devoted to preparing specifications, estimates, working plans, and drawings for Public Works to be carried out by contract or otherwise.

For such Students in the Civil Engineering Division as have attended the three terms of the Mechanical Course, and desire to complete a second year of instruction, a sixth term will be devoted to an advanced course in Physics and the application of the Exact Sciences to actual construction, with occasional lectures and demonstrations on the details and principles of works already executed.

Lectures and special demonstrations are given to the Students in this department regularly. Students who have not previously passed through the Mechanical Course of the School must attend the School Lectures.

Before a Student can enter this department—whether he has been through the Mechanical Course of the School or not—he must pass an examination as to his knowledge of mechanical drawing, and of arithmetic, algebra, and trigonometry, such as will satisfy the Principal that the Student is sufficiently advanced to commence work.

The premium for this division is sixty guineas, payable to the Crystal Palace Company in advance ; for additional terms, 21*l.* each ; for a single term, 26*l.* 5*s.* For the two years' course (combining the M. E. and C. E. Schools), fee 100 guineas.

At the expiration of each term a general examination of Students in the several divisions is conducted by Engineers of eminence, not connected with the School. If it be found that a Student has arrived at the required degree of proficiency, a certificate of his place on the list is awarded to him for knowledge of the subjects that have been treated in the lectures, as well as a similar certificate for his work in the office or shop in which he has served.

At the close of the course, should the Student not have obtained his

certificates, he is allowed to remain, upon payment of a proportionate premium, for an additional term in each or any department in which he has failed.

## SCHOOL OF GARDENING AND PRACTICAL FLORTICULTURE.

(1) PRACTICAL GARDENING.

(2) FLORTICULTURE.

The Course of instruction extends over a period of three years. The fees are about 60*l.* per annum.

*Principal*.—Mr. E. Miller.

*Instructor*.—Mr. W. G. Head.

## COLONIAL SECTION.

This section is designed particularly for gentlemen who are going to the Colonies or abroad, as explorers or settlers. The object proposed is to afford them so much practical knowledge of scientific and mechanical work and expedients, as shall enable them best to utilise the means at their disposal, especially when entirely dependent on their own resources.

The course is divided into three terms, of fifteen weeks each, and the attendance is in accordance with Reg. I. of the School.

The instruction is, as far as possible, practical in all details. Lectures covering the whole subject are delivered to the Students on Tuesdays and Fridays, at 4 p.m., regularly during the Session. Special Lectures, treating on the resources and circumstances of particular Colonies, and other fields of enterprise, are delivered from time to time.

The premium for one year's (three terms') instruction is 52*l.* 10*s.*, payable to the Crystal Palace Company in advance ; for additional terms, 17*l.* 10*s.* each ; for a single term, 25*l.*

The hours for work are from ten a.m. to one p.m., and from two p.m. till five p.m., except on Saturdays, when the School closes at one p.m.

Students can inscribe their names, and the fees must be paid *only* in the office of the School of Art, Science, and Literature, Byzantine Court, North End, Crystal Palace.

Each Student must take a Season Ticket to the Crystal Palace, which will be issued to him at half the ordinary price. School Boarding House, by the Rev. G. H. Whitaker, M.A., in the immediate neighbourhood of the School, and under the direct supervision of the Principal.

The London, Brighton, and South Coast, and the London, Chatham, and Dover Railway Companies, have consented to issue special cheap season tickets between London and the Crystal Palace Stations at the following rates, to Students actually attending in the School of Art, Science, and Literature, viz. :—For the year—First class, 6*l.* ; covered carriages, 4*l.* Per quarter, severally ending Oct. 31, Jan. 31, April 30, July 31—First class, 2*l.* ; covered carriage, 1*l.* 10*s.*

*Principal*.—Mr. J. W. Wilson, Assoc. Inst. C.E.

*Superintendent*.—F. K. J. Shenton.

*Manager of the Crystal Palace*.—Geo. Gordon Cleather.

## THE FEMALE SCHOOL OF ART,

43, QUEEN SQUARE, BLOOMSBURY.

ESTABLISHED IN 1842-3.

In connection with the Science and Art Department of the Committee of Council on Education, South Kensington.

UNDER THE ESPECIAL PATRONAGE OF THE QUEEN.

*Vice-Patrons*.—H.R.H. the Princess of Wales, H.R.H. the Princess Louise, H.R.H. the Princess Mary Adelaide.

This School has had the great advantage of the kindly personal interest of Her Majesty Queen Victoria. The members of the Royal Family have always distinguished themselves and rendered themselves deservedly popular by the share they take in the encouragement and advancement of every educational work; and the youngest of Her Majesty's daughters, the Princess Beatrice, is one of the latest instances of this, when she presided on the 10th of March, 1883, at the annual meeting for the distribution of prizes and medals to the Students of this School. During the past year 183 Students received instruction in Art, and 3,012 drawings, paintings, and models were forwarded to South Kensington, being the works of 152 Students, or an average of nineteen works for each Student. Tested by results there is no school of all the 164 in operation that can refer to a roll of honour more distinguished than that which is exhibited by the Female School of Art. Among the national awards gained by pupils at this School from the year 1866 to 1882 inclusive may be mentioned six gold, twenty-three silver, and thirty-eight bronze medals, and fifty-nine Queen's prizes, making a total of 136 awards.

The general course of instruction comprises Geometrical Drawing and Perspective; Freehand Drawing from the flat and from the round; Shading from the flat and from the round; Drawing from Solid Models; Figure Drawing from the flat, from the antique, and from the life, including Anatomical Studies and Drapery; Modelling in clay and wax from the ornament, figure, etc.; Painting in Water-colours, Tempera, Fresco, and Oil, from examples of Ornamental Art, from landscapes, animals, flowers, fruit, etc.; Exercises in composition, and original designs for decoration and manufactures. The Instructors of the School hold full Certificates from the Science and Art Department.

There are two sessions during the year, commencing on the 21st of February and 1st of October, and ending on the 20th of February and 15th of July respectively. During the sessions two weeks at Christmas and one week at Easter or Whitsuntide are vacations. The classes meet every day except Saturday. Hours of attendance—Morning, 10 till 12.30; afternoon, 1 till 3; whole day, 10 till 3. In the summer session advanced Students are allowed to remain till four o'clock. Evening class on Mondays, Wednesdays, and Fridays, from 7 till 9.

Students have the privilege of copying specimens of plants and flowers from the Royal Gardens at Kew; the Managers of the Royal Botanic and Zoological Societies also grant free admission to Students in the advanced classes to sketch in their Gardens.

Local Examinations of the Second Grade in Elementary Drawing, Geometry, and Perspective are held annually in May.

Local Examinations of the Third Grade in Perspective, Anatomy, Design, Painting Groups, Drawing and Modelling from the Antique and Life, are held annually, and prizes given by the Science and Art Department to those who pass excellent.

Examinations for Art Class Teachers' Certificates (Higher Second) are held annually in May.

Examinations for Art-Mistresses' Certificates of the Third Grade are held annually in February.

Free Studentships of the value of 10*l.* for one year, renewable on expiration, are granted to all Students who are preparing to become teachers, who obtain the first certificate of the third grade, dating from the 1st of October of each year. Students studying professionally, who have paid fees for two consecutive sessions, who obtain a second grade certificate with the mark excellent to two of their papers, one of which must be for Freehand or Models, and are preparing for the higher Second Grade or Third Grade Examination, may be allowed to attend the School at half the full fees. Renewals of this privilege for the second or third year are granted on certain conditions.

Two National Scholarships (Gilchrist) of 50*l.*, held for two years, dating from the 1st of March of each year. Competition every year open to all female Students under 22 years of age; works sent in on the 10th of January of each year, in accordance with printed conditions, to be obtained at the school.

Local Scholarships to Students studying professionally. Queen's Scholarship of the value of 60*l.* per annum, tenable for one or two years, in accordance with the conditions on which the Scholarship is granted. The Clothworkers' Scholarship of 20*l.*, under certain conditions. Subscribers Scholarships of 10*l.* and of 20*l.* Students may also compete for admission into the Training School of the Science and Art Department, with an allowance of from 5*s.* to 15*s.* per week. Students prepared for admission into the Royal Academy Schools.

There is an annual local examination for the Queen's Gold Medal, Gilchrist, and other prizes.

National competition at the Science and Art Department, South Kensington. Works are selected annually to compete for the Princess of Wales's Scholarships, Gold, Silver, and Bronze Medals, Queen's, and Third Grade Prizes.

**RULES RELATING TO FEES.**—All fees are paid in advance. Fees for classes studying for five whole days per week, 6*l.* 6*s.* for the session; 10*l.* 10*s.* for two sessions; entrance fee to all these classes 10*s.* 6*d.*

With the view to meet the wishes of parents, a Juvenile Class is held on Mondays and Wednesdays, from 1 till 3. Fee, 2*l.* 2*s.* for the session; entrance fee, 10*s.* 6*d.* Age from nine to fourteen inclusive.

Evening Class, elementary, 1*l.* 1*s.*; advanced, 2*l.* 2*s.*; artizan, 10*s.*; entrance fee, 5*s.* Mistresses, Teachers, and Pupil Teachers of National, British, and School Board Schools admitted at half fees.

Evening Class, a Scholarship of 5*l.*

The classes for Practical Geometry, and Perspective (elementary and advanced) are open to all Students, but may be attended by non-students, independently of the general course on payment of a fee of 1*l.* 1*s.* per session.

There is connected with the School a lending Library of Works on Art. The School can only be visited by appointment with the Superintendent.

Manufacturers and Patrons of the School are invited to offer prizes, or to give commissions, to the Students; and Teachers are supplied for private tuition or schools, on application to the Superintendent.

*Director for Art.*—T. Armstrong.

*President.*—The Right Rev. the Lord Bishop of Rochester.

*Superintendent.*—Miss Gann.

*Instructors.*—Miss Wilson and Miss De la Belinaye.

*Instructor for Modelling, etc.*—Miss Julia Pocock.

*Instructor for Design.*—Miss West.

*Instructor for Evening Classes.*—Mrs. Overton.

*Superintendent and Secretary.*—Miss Gann.

*Hon. Sec.*—Francis Bennoch, F.S.A.

## NORTH LONDON SCHOOL OF ART, KINGSLAND, N.

This School was established in 1868, for Art Classes only, and Students are prepared for the South Kensington Examinations. About 250 pupils attend. The fees are from 10s. to 2l. 2s. per quarter.

The vacations are from July 20th to Sept. 16th, and from Dec. 23rd to Jan. 6th. Numerous Scholarships and Prizes are awarded annually.

*Principal.*—Charles Swinstead.

## ST. ALBAN'S SCHOOL FOR ART AND SCIENCE.

IN CONNECTION WITH THE SCIENCE AND ART DEPARTMENT.

The following subjects are included in the course of instruction pursued at the School of Art:—Drawing and Shading from the Cast, Painting in Oil and Water Colours (Figure and Landscape), China Painting, Modelling in Clay, Tapestry Painting.

The year is divided into three Sessions of thirteen or fourteen weeks each. Terms commencing as follows—Jan. 20th, May 1st, Sept. 15th.

**FEES:**—General Subjects, including Painting (Oil and Water Colours), 28s. per Session. China Painting, 35s. per Session. Modelling in Clay, 35s. per Session. Tapestry Painting, 42s. per Session.

*Head Master.*—R. Campbell Puckett, Ph.D.

*Hon. Secretary.*—A. E. Gibbs, *Herts Advertiser* Office, St. Albans.

## S. MARTIN'S SCHOOL OF ART, CASTLE STREET, ENDELL STREET, LONG ACRE, LONDON.

This School was founded in 1854, and the subjects embrace all those required by the Science and Art Department of the Committee of Council on Education, South Kensington. About 200 pupils attend the classes. The fees are exceedingly moderate.

*Head Master.*—John Parker, and Assistant Masters.



## LAMBETH SCHOOL OF ART,

MILLER'S LANE,

UPPER KENNINGTON LANE, LONDON, S.E.

This School was founded in 1854, and the classes are formed for study in the following subjects :—

Outline Drawing of Ornament and the Human Figure, Light and Shade Drawing of the same subjects in Chalk, Sepia, Oil, and Tempera, Drawing and Painting from the Living Model, Anatomy, Designing, and Painting on Porcelain.

The Sessions commence on the first Monday in October and March, and end on the last Thursday in February and July respectively.

Vacations : one week at Christmas, either Easter or Whitsun week, and the months of August and September.

The Government Annual Examination for medals and other prizes takes place at the end of April. Candidates must enter at latest by the 1st of March for these competitions.

*Director.*—John Sparkes.

## WEST LONDON SCHOOL OF ART

155, GREAT TITCHFIELD STREET, W.

This School was established in 1862, mainly for the cultivation of Art as applied to manufacture, and amongst its Students are representatives of different trades or occupations. It is partly supported by a Government grant on results. Over 500 Students attend, who pay an annual fee of 3*l.* Government Examinations are held in May. The Summer Vacation is in August and September, and the Winter in December and January.

*Head Master.*—Geo. A. Stewart.

*Hon. Secretary.*—J. D. Crace.

And six Assistant Masters.

## ARTISTS' BENEVOLENT INSTITUTION,

24, LD BOND STREET, OLONDON, W.

This Institution was founded in 1814, and incorporated by Royal Charter June 30, 1842, and its object is to relieve distressed artists, whether they be subscribers to its funds or not, as well as their widows and orphans, merit and poverty being recognized as furnishing a sufficient claim to aid from its resources. Since its establishment up to the beginning of last year, the society has granted donations amounting in the aggregate to 46,683*l.*, and in 1876 it distributed 1,745*l.* in sums varying from 10*l.* to 80*l.*, among ninety-five applicants. Mr. F. Leighton, R.A., who

presided at the anniversary festival in 1878, made the following eloquent appeal on behalf of this Institution; he said,—“That the cause of the charity had for more than sixty years been pleaded on such occasions by men of conspicuous oratorical power—the most impassioned voice of all being that of Charles Dickens; and the only consideration which could have induced him to yield to the desire of the Council to take the chair that evening was that while his predecessors in that position had been enabled to speak as it were merely from without, he as an artist could address his audience with that full inward sympathy which was based upon experience. Upon the artist who had taken any part in the distribution of the gifts of the Society, and who had the opportunity of seeing the wreck and ruin over which it shed its silent beneficence, a reflection forced itself which was at once startling and deeply pathetic—that those who, baffled and beaten in the race, had set out in the morning of life with hopes as bright and courage as high as they did who had been fortunate enough to reach the desired goal of prosperous distinction. The same enthusiasm, the same singleness of purpose, the same elevation of sentiment, the same unclouded faith of youth, might have been common to them all, but while to some the end had brought fame and plenty, for others it was accompanied by obscurity and want. Who could think without emotion on so strange a contrast? But those to whom he was appealing would naturally stay their hands until they had first ascertained that the Artists’ General Benevolent Society was worthy of their esteem and co-operation. He hastened at once, therefore, to assure them that the gifts placed at the disposal of the Council were by no means indiscriminately lavished. They were, on the contrary, never distributed except to those whom the strictest investigation had shown to be worthy of receiving them. Such investigations, he might add, were not made by salaried agents, nor vicariously, but personally, by the Council, and there could, he thought, be no better guarantee for the wise bestowal of the funds of the charity. It should be borne in mind that it was not recklessness only, nor a blameworthy life, which led to poverty. Adversity had many gates, and the causes which led to it were numerous. Of these causes, some were personal and from within, while others were external. In the latter category the most frequent were periods of depression in the national prosperity or political perturbation, the shadow of impending war, fluctuations in the public taste, and indifference on the part of the public to certain forms of art. But more inexorable were those sources of failure which were personal, and sprung from the artist himself. Daily experience showed that large numbers of young persons of both sexes embraced the profession of art under a complete delusion as to their gifts and qualifications. Conscious no doubt of an artistic temperament which might seek some mode of expression, fired by the example of others who might have splendidly succeeded, gratified by the flattery of relatives, they found themselves lured on by the most fascinating of all pursuits, but to realize when too late the bitter truth that they had mistaken a wish for a gift, and that they had read power where Nature had written only desire. Perhaps, however, the most terrible of all the sources of failure was the loss of health. If it was a bitter thing for a man to discover that he had misunderstood his natural endowments, how infinitely more bitter, was it not, for an artist who was conscious of the talent living within him to find himself checked at every turn by the paralyzing hand of sickness and disease! In such cases it was that the institution whose claims he was advocating exercised a widely

beneficial influence; nor did the aid which it gave end there. Death in due time came with its blessed relief, but the misery which it scattered around it still remained. The widow and the orphan were left penniless and unfriended, and to them at such a moment the institution was, indeed, a haven of refuge. If, he might add, the good works of the Society were worthy of appreciation because of their timeliness, they were no less deserving of it because of their secrecy. There was in connection with its accounts no list of names to gratify curiosity. Persons of refined nature, rendered more sensitive by suffering and adversity, frequently shrank from exposing their wants, but they were able to come to the Society in the full confidence, trust, and reliance, that its gifts would in all cases be shrouded by the grace of a respectful silence. Such then was the scope, such the action of "The Artist's General Benefit Fund," to which he invited the company to drink prosperity. It was swift to give, it was silent, it was discreet, it was discriminating, and it was beyond example, he believed, economical in its working. The sufferings of which he had spoken were, on the other hand, not imaginary, not rare, and not remote; they were real, they were constant, they were at their very doors. Never did want stand with more dignity before them; would they turn away from it?

Another charitable Society in immediate connection with this one, is called the "Artists' Orphan Fund," and was established in 1871. The fund now amounts to 21,000*l.*, producing an annual income of about 800*l.* This Society specially appeals to every member of the various branches of Art, who has achieved success in any way, to help those who, deprived of parental aid and support, are often left in a situation of helplessness, dependence, and poverty, and without the means of obtaining that education which is necessary for future success in life.

*Patron.*—The Queen.

*Vice-Patron.*—His Grace the Duke of Buccleugh, K.S.

*President.*—Sir Frederick Leighton, P.R.A.

*Hon. Secretary.*—John Everett Millais, R.A., 2, Palace Gate, Kensington.

*Treasurer.*—P. C. Hardwick, 2, Hereford Gardens, Park Lane, W.

*Assistant Secretary.*—F. Lamb Price, 24, Old Bond Street, W.

## MANCHESTER SCHOOL OF ART,

### MANCHESTER.

This Institution was founded about forty years ago, through the influence of the celebrated painter, Haydon.

The aim of a School of Art is to train the pupil systematically in the several stages or branches into which graphic art may be divided; so that presuming he is diligent and ready of apprehension, he may apply his knowledge first to the study of nature, in order to acquire power, freedom, and certainty in drawing, together with an appreciation of colour, and next to such original production as he may possess the ability for, or to practical applications connected with his occupation.

A new building in Cavendish Street has recently been erected, for which purpose subscriptions amounting to about 22,000*l.* have been collected.

This year Students at this School received from the Science and Art Department the following awards:—2 Silver Medals; 3 Bronze Medals; 6 Book Prizes; 40 Third Grade Prizes; and in the Second Grade Examination, held in May, sixteen Students obtained “excellent,” and fifty-three “passed.”

*Head Master*.—W. J. Muckley. Appointed in 1862.

*Second Master*.—Alex. G. Grubb.

*Assistant Master*.—J. Heywood Farran.

*Art Student Teachers*.

S. G. Mausen.

|

Richard Jackson.

*Secretary*.—Edwin W. Marshall, 38, Barton Arcade, St. Ann's Square.



## ROYAL SCOTTISH ACADEMY OF PAINTING, SCULPTURE, AND ARCHITECTURE,

THE INSTITUTION MOUND, EDINBURGH. FOUNDED IN 1826.

*President*.—W. F. Douglas, R.S.A.

*Secretary*.—W. Brodie, Esq., R.S.A.

*Treasurer*.—Ch. Lees, Esq., R.S.A.

*Librarian*.—John Hutchinson, Esq., R.S.A.

*Clerk*.—David Reid.



## THE GLASGOW SCHOOL OF ART AND HALDANE ACADEMY,

GLASGOW.

This school was founded in 1844, is in connection with the Government Department of the Science and Art School, London.

The Session begins in September and ends in June, and is divided into four terms.

The course of instruction embraces—Free-hand Drawing, Drawing from Models, Drawing Ornament, The Study of Historic Styles of Ornament, Elementary Design and the Principles of Form and Colour, Plane and Practical Geometry, Perspective and Orthographic Projection, Architectural Drawing and Building Construction, Mechanical Drawing and Machine Construction, Drawing and Painting Flowers and Fruits, Landscape Drawing and Painting, Drawing the Human Figure from Copies, Drawing from the Round (the Study of the Antique), Anatomical Drawing (the Study of the Bones and Muscles), Modelling, Drawing the Human Figure from Living Model, Painting in Oil and Water Colours.

*Head Master*.—Mr. Robert Greenlees.

*Second Master*.—Mr. Robert Brydall.

And ten other Assistant Masters.

## WATT INSTITUTION. SCHOOL OF ARTS, EDINBURGH.

This School has had an existence of half a century, was founded by Leonard Horner, F.R.S., and provides scientific instruction and grants diplomas to Students. The course of instruction embraces Mathematics, Natural Philosophy, Chemistry, Botany, French, German, etc. Over 2,000 Students attend the classes, about 250 being young women, the fees for which are extremely moderate. The vacations occur in August, September, and October.

### STAFF OF PROFESSORS.

#### *Lecturers and Teachers.*

*Arithmetic, Algebra, and Mathematics.*—James McKean, F.E.I.S.

*Mechanical Philosophy.*—Dr. William Lees, M.A.

*Chemistry and Practical Chemistry.*—Stevenson Macadam, Ph.D., F.R.S.E.

*Structure of the English Language.*—Dr. David Pryde.

And ten other Professors.

*Hon. Treasurer.*—Thomas Knox, Esq., 15, Hanover Street.

*Acting Secretary.*—R. T. Scott, 30, Melville Street, Portobello.

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## BIRMINGHAM SOCIETY OF ARTS AND SCHOOL OF ART, PARADISE STREET, BIRMINGHAM.

The number of Students who attend this School are over 1,100.

The Session is divided into two Terms, as follows:—Autumn Term, beginning September 11th and ending January 31st, and Winter Term, beginning February 1st and ending June 30th.

*Head Master.*—Edward R. Taylor.

*Second Master.*—Frank G. Jackson.

And six Assistant Masters.

*Secretary.*—Paxton Porter, Birmingham and Midland Institute.

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## ARTS AND SCIENCE DEPARTMENT, OWENS COLLEGE, MANCHESTER.

See Owens College.

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## SCHOOL OF ART, EDINBURGH.

In connexion with the Department of Science and Art under the Committee of the Privy Council of Education.

*Secretary.*—The Hon. F. B. Primrose, C.B.



## ROYAL SCOTTISH SOCIETY OF ARTS,

117, GEORGE STREET, EDINBURGH.

*President.*—D. R. M. Ferguson, F.R.S.E.

*Secretary.*—E. Lang, Esq., F.R.S.E.

*Treasurer.*—John Scott Moncrieff, Esq., C.A.

## ROYAL HIBERNIAN ACADEMY OF PAINTING, SCULPTURE, AND ARCHITECTURE,

LOWER ABBEX STREET, DUBLIN.

This Institution was incorporated by Royal Charter in 1823. The annual Exhibition opens the 19th February, and closes the 1st June. Students are admitted to the Schools on producing a certificate from the Department of Science and Art, stating that the applicant has passed in the four papers of Freehand, Geometry, Perspective and Object Drawing of the second grade, or are admitted by the Council of the Academy on forwarding specimen drawings. Spring Session commences in February, and the Winter Session opens in October. An examination is held in July, when medals and the Albert prize are awarded.

The buildings were erected in 1823, by the munificence of Mr. Fras. Johnston, its first President. At present the chair is held by T. A. Jones, who was one of the chief contributors to the Exhibition of 1878. In 1829 the Royal Hibernian Academy opened their first Exhibition.

Like other chartered associations, the Hibernian Academy is the embodiment of several minor societies of Irish Artists.

The Hibernian Academy is the Burlington House of Dublin, and the Summer and Winter Exhibitions are, as in London, objects of considerable interest.

*President.*—T. A. Jones, Esq.

*Professor of History.*—W. J. Fitzpatrick, Esq., LL.D.

*Professor of Antiquities.*—J. T. Gilbert, Esq., F.S.A.

## ARUNDEL SOCIETY

FOR PROMOTING THE KNOWLEDGE OF ART,

24, Old Bond Street, London, W.

This Institution was founded in 1848, and named from Thomas Howard, Earl of Arundel (in the reigns of James and Charles I.), who has been called "the father of virtu in England," and "the Mæcenas of all politer arts."

The Society is governed by a council of twelve members. The object is to promote the knowledge of art by copying and publishing important works of ancient masters. Members are admitted under three heads: (1) associates on payment of one guinea, and a classification of second and third subscribers, limited to 1,500, each paying one guinea annually.

*Secretary.*—F. Lambe Price, Esq.

# OUR SCHOOLS OF MUSIC.

## INTRODUCTORY REMARKS.

The study of Music, which is appropriately termed the first and most popular of the fine arts, is now cultivated in England in a far higher degree, and to a much greater extent, than at any former period of our history, and the system pursued in institutions for the development of this improved public taste, and where the necessary instruction in every branch of the art can be obtained, are modelled chiefly in accordance with the newest arrangements carried out in Continental schools. The late Lord Chief Justice, Sir A. Cockburn, made some happy allusions on the subject, and in an able speech, which he delivered at an anniversary festival of the Royal Society of Musicians, His Lordship's remarks in reference to musical education were as follows :—

“When we remember what we owe to music—how it adds to the enjoyment of life in all its stages from infancy to age, and in all its forms from the highest to the lowest—now charming our senses with the ‘concourse of sweet sounds,’ but still more often adapting itself to all the varying forms of emotion, sentiment, and passion of which the human mind is capable, enhancing and exalting our sense of joy, assuaging and softening our sense of woe and pain, adding to the happiness and enjoyment of life—where shall we set bounds to our grateful sense of all that is divine and glorious in music? Again, when we reflect how vast and varied is the sphere over which music reigns, from the shepherd's reed to the pealing organ, and to the many combinations of orchestral power, from the popular air to the colossal grandeur of Handel; when we call to mind all the richness, the fulness, the poetry, and the power, the marvellous blending of divine melody with sublime and majestic harmony which in the symphonies of Beethoven carries us away from ourselves, and transports us to the fulness of rapture and enjoyment; when we consider again in what various forms this charming art presents itself—at one time enchanting us with the beauty and melody of music, at another addressing itself to our hearts and evoking all the various sentiments of which the heart is capable, from the ardour of war to the tenderness of love, and to pity, which we are told is akin to love; addressing itself to our highest faculties, working on our imagination, carrying us to the realms of fancy and to the still more sublime regions of the beautiful and the eternal, showing that it is true, as was said by the poet, that—

“Music, the choicest gift which Heaven bestows,  
In harmony with human feeling glows;  
Exalts our joys, and softens all our woes;  
In prayer and praise lends wings on high to rise,  
And wafts our souls in rapture to the skies.”

Where, then, shall be the limit of our gratitude to those who have given

us the benefit and advantages and enjoyment of the art of music? When I am speaking of what we owe to the art of music, I am not dealing with a mere abstraction which has no actual life, but I must be understood to speak also of those who cultivate and practise it. They it is who are entitled to our acknowledgments—the professor, the maestro, who, in his studio, adding genius to science, produces the marvellous masterpieces which are the glory of the art and the property of the world; and the executant who, adding to native talent the skill which is acquired by long and assiduous labour, gives actual life and being to the great works which must otherwise remain a dead letter.”

The Bishop of Gloucester, in distributing the prizes gained by the Gloucester students at the musical examination in connection with Trinity College, London, addressed the competitors in these words:—“Nature,” he said, “had denied him the gift of what is called ‘an ear for music,’ and while he could feel the pleasure that flowed from hearing a melody, he could not penetrate into the mysteries of harmony, and therefore he was a singular specimen of one who respected, though he did not thoroughly love, music. In answering the question, What is music? he reviewed the progress of musical art since the Renaissance age, and pointed out that from the middle of the 16th to the end of the 17th centuries, musical composers endeavoured not only to please the ear, but also to touch the sensibilities. At the beginning of the present century the power of music to express sentiment began to be clearly recognised. Every one hearing very fine music must have felt that it expressed some inward feeling, something hardly to be analysed, expressing a realm of thought in part felt and in part lying beyond. A distinguished German, addressing music, said, ‘Away, away! thou speakest to me unutterable things that I have life-long sought for, and never, never found.’ That was saying in highly poetic language that music had powers of expression that went beyond even the power of words. Some of our composers had made this a subject of very careful study. Haydn had done this in the first movement of his first Symphony. But music was something more than a means of expressing sentiment and feeling. There was a power in music to call out the emotions, the nobler and the better feelings. It was in touching the inner life, in penetrating the inner chambers of the soul, and in awakening nobler feelings, that music showed its greatest and its noblest power; and no music deserved to be thoroughly admired and honoured except in a great measure it expressed that power. If music only appealed to his ear, he should not care to hear any more; if it only expressed his inner feelings, he should not care to hear much more; but if he could sit in the concert-room or in the spacious minster, and listen to music which called his better emotions and feelings to the surface, then he began to say to himself, ‘This is truly a divine art;’ and imperfectly constituted as he might be, he uncovered his head and honoured and revered the great, the divine art of music.”

A meeting was held in September, 1878, at Marlborough House, under the presidency of the Prince of Wales, with the view to advancing the science and art of music, and of founding a Royal and National College of Music. At present the Royal Academy of Music and the National Training School for Music have no connection. It was proposed, with the assent of the managers of both these Institutions, to consider the best methods of bringing them into connection, so that they might co-operate in promoting higher education in the Art of Music, and form the basis for a new college on a more extended and permanent footing than any existing institution. This School and amalgamation have now become a *fait accompli*, and was formally opened by its Founder and President, H.R.H. the Prince of Wales, in 1883 (see p. 608), and doubtless this will soon become the leading Musical Institution in the country.

Mr. Jolly, one of Her Majesty's Inspectors of Schools, strongly recommends the Tonic Sol-fa system (see p. 618) for general adoption in schools, not only elementary, but higher; he says that the manner in which very young children can be made to read music in a short time, with all the ease of a common reading book, is remarkable. The wonderful cultural power of song in thought, feeling, taste, and morals, he thinks, does not seem to be realized, but, in time, with proper teaching, we might become a musical people, able to rival our own eminence in lyrical poetry by our power to render it worthily and sweetly in song.

The Education Department has recently issued a return which shows that in 28,532 departments of schools in England and Scotland the following musical systems are in use:—Hullah's in 691 schools, the old notation with movable ditto in 676 schools, more than one system in 61 schools, and tonic sol-fa in 3,987 schools. The remaining 23,117 schools teach by ear, using no system.

The number of candidates examined in music during 1881 by the various English examining bodies was unusually large. Trinity College, London, heads the list with 5,669, the University of Cambridge comes next with 1,185, the Society of Arts third with 596, and the University of Oxford last with 281, the combined total being 7,731 candidates. The largest number of students now attending any school of music is at the Guildhall School, London, E.C.

## THE ROYAL ACADEMY OF MUSIC,

TENTERDEN STREET, HANOVER SQUARE,  
LONDON, W.

*Patron.*—The Queen.

*President.*—The Right Hon. the Earl of Dudley.

This Institution was founded in 1822, by the late Earl of Westmoreland, and was incorporated by Royal Charter in 1830. In 1868 there were only 70 pupils in attendance, now about 300 or 400 Students attend a regular course of instruction in the various branches of music. The Institution is most ably conducted under the following regulations, viz.:—

All orders whatever for the government of the Academy emanate from the Committee of Management, whose decisions are delivered through their Chairman, to the different offices of the establishment.



All branches of music are taught in the Academy ; and Students may choose any one of these for their principal study. Should the branch for which a male Student enters be Composition, Organ, Pianoforte, or Harp, he is required to learn, in addition, any orchestral instrument the Committee may choose for him.

Students are required to learn Harmony and Pianoforte ; and all are required to attend the Sight-Singing Class ; and, when competent, to take part in the orchestral and choral practices.

Should the branch for which a Student enters be Singing, he or she is required to attend the Elocution Class.

The classes for the English, Italian, French, and German languages may be attended by any of the Students on payment of an additional fee of one guinea per term for each class.

The year is divided into three Terms of thirteen weeks each ; the Michaelmas Term commences on the third Monday in September, the Lent Term on the third Monday in January, and the Easter Term on the fourth Monday in April. There are vacations of four weeks at Christmas, of one week at Easter, and of eight weeks at the close of the Easter Term.

The annual fee for the entire course of study is thirty guineas, or ten guineas per Term, with an entrance fee of five guineas (which last, when a Student has remained in the Institution for three consecutive years, is deducted from the fee for the tenth Term).

An extra fee of three guineas per Term is paid by Students who pursue two principal studies.

All payments are made in advance.

Notice must be given of the withdrawal of a Student.

Orchestral Students, if competent to take part upon any instrument in the orchestral practice, pay an entrance fee of two guineas, and an annual fee of fifteen guineas, divided into terminal payments of five guineas. They are entitled to instruction twice a week, in any study of their own choice, and are required to assist in the weekly practices and in all public performances.

An operatic class for the study of the lyrical drama has been opened for composers and singers. Students already accepted in the Academy will be admitted to this class on payment of an additional fee of two guineas per Term each.

Students are admitted at the commencement of each Term and half-term. Candidates for admission must attend for examination, bringing music they can perform, at eleven o'clock on the *Saturday before each Term or half-term*, with a recommendation from a Subscriber, a Member, an Associate, or an Honorary Member.

The fee for examination is one guinea, which is returned on the admission of the candidate.

Candidates residing at a distance from London may be primarily examined by any one of the Local Examiners, from whom they may obtain information and advice respecting the Academy. One or more Local Examiners (whose services are honorary) are appointed in every principal town in the kingdom.

The Students are required to pay implicit obedience to all persons placed in authority over them, and to attend punctually at the hours appointed for their instruction, and at all orchestral and choral practices, rehearsals, and performances.

As a mark of particular distinction, advanced Students are appointed



sub-Professors, and required to give instruction in the Academy, under the supervision of their own Professors.

No Student is allowed to undertake any public engagements, without first obtaining the sanction of the Principal.

No Student is allowed to publish any composition without the sanction of the Principal; and a copy of all compositions published with his sanction must be presented to the Library of the Academy.

Students have the privilege of practising on the Organ if they pay the cost of blowing, and on the Pedallier without charge.

Any infringement or violation of the Regulations, or any discreditable or improper conduct, will subject the Student, at the discretion of the Committee, to dismissal from the Institution.

After leaving the Academy, Students may undergo an examination. Should the examination prove satisfactory, they will receive a certificate; and, in special cases, the additional distinction of being made an Associate of the Institution.

Students who distinguish themselves in the musical profession after quitting the Institution, may be, by the Committee of Management, created Members of the Royal Academy of Music.

The above Regulations are appointed by the Committee of Management, acting under the Charter given by his late most Gracious Majesty King George IV.

There is a Library attached to the Academy, for the use of Students, who are responsible for any works they borrow. A selection of literary books has been presented by C. Mudie, Esq., in memory of Thomas Mollison Mudie.

There are Scholarships, Exhibitions, and Prizes awarded to successful Students, viz.:—

#### A WESTMORELAND SCHOLARSHIP,

FOUNDED 1861,

for Vocalists, as a memorial of the late Earl of Westmoreland, the founder, contended for annually in December.

It is open to female candidates between the ages of eighteen and twenty-four years.

The amount of the Scholarship is ten pounds, which will be appropriated towards the cost of a year's instruction in the Academy.

#### THE POTTER EXHIBITION,

FOUNDED 1860,

is open to competition by female and male candidates, in alternate years, who shall be pupils of the Academy, and have studied not less than two years in the Institution.

The amount of the Exhibition is twelve pounds, which will be appropriated towards the cost of a year's instruction in the Academy.

#### THE STERNDALÉ BENNETT SCHOLARSHIP.

FOUNDED 1872.

The Scholarship is open for competition in any branch of Music, to male candidates, between the ages of fourteen and twenty-one years.

The competitor must be a British-born subject, and will have to pass an Examination in General Education previously to entering the musical competition.

The subjects for examination will comprise Orthography, English Grammar, Elementary Arithmetic, Rudiments of Geography and English History ; and candidates above eighteen in any Foreign Language of their own choice.

The successful candidate will be entitled to two years' free education in the Royal Academy of Music.

#### THE PAREPA-ROSA SCHOLARSHIP.

FOUNDED 1874.

To be awarded to Vocalists.

The successful candidate to be entitled to two years' free Musical Education in the Royal Academy of Music.

#### THE SIR JOHN GOSS SCHOLARSHIP.

FOUNDED 1875.

The Scholarship is open for competition in any branch of Music, to male candidates between the ages of fifteen and eighteen years, who shall have been members of cathedral choirs, and who will make the organ a chief study.

The Scholarship is for three years, and amounts, at present, to about fifteen guineas, which will be appropriated towards the cost of instruction in the Academy.

#### THE PROFESSORS' SCHOLARSHIPS.

FOUNDED 1875.

Two Scholarships have been established for the advancement of orchestral studies by subscription of the Professors and their friends.

These Scholarships consist of two years' free education in the Academy to candidates between the ages of fourteen and twenty-one years, and are awarded to those adjudged the best player on the violin, and the best player on any other orchestral instrument.

#### THE THALBERG SCHOLARSHIP.

FOUNDED 1877.

For Pianists.

The amount of the Scholarship is twenty pounds a year, which will be appropriated towards the cost of two years' instruction in the Academy.

#### THE NOVELLO SCHOLARSHIP.

FOUNDED 1877.

Presented by Messrs. Novello, Ewer, and Co.

The Scholarship is open to competition by male candidates, being British-born subjects, between the ages of fourteen and eighteen years, and will be awarded to the one showing the greatest promise of musical ability, preference being given to talent for composition. The competitor will have to pass a simple examination in general education previously to entering the musical competition.

The successful candidate will be entitled to three years' free education in the Royal Academy of Music, which period may or may not be extended, according to the requirements and deserts of the scholar, and at the discretion of the Committee of Management.

## THE BALFE SCHOLARSHIP.

FOUNDED 1876.

This Scholarship is open for competition by male candidates between the ages of fourteen and twenty-one years, and will be awarded to the one who may be judged to show the greatest promise in composition.

The successful candidate will be entitled to one year's free education in the Royal Academy of Music.

## MEMORIAL PRIZES.

## THE STERNDALE BENNETT PRIZE

is a Purse of Ten Guineas.

## THE PAREPA-ROSA PRIZE

is a Gold Medal, bearing a portrait of Euphrosyne Parepa-Rosa.

## THE LUCAS PRIZE

is a Silver Medal, from a design by T. Woolner, R.A.

## THE LLEWELYN THOMAS PRIZE

is the gift of Dr. Llewelyn Thomas, and is a Gold Medal for Declamatory English Singing.

## THE CHRISTINE NILSSON PRIZES

are the gift of Madame Christine Nilsson. The First Prize is Twenty Guineas, and the Second Prize Ten Guineas.

## THE HEATHCOTE LONG PRIZE

is the gift of Heathcote Long, Esq., and is a Purse of Ten Guineas.

## THE BONAMY DOBREE PRIZE

is the gift of Bonamy Dobree, Esq., and is a Purse of Ten Guineas.

## THE KELSALL PRIZE,

the bequest of Charles Kelsall, Esq., is an Amati Violin.

Certificates of Merit, Silver Medals, and Bronze Medals, will be awarded at the Annual July Examinations, to the most deserving pupils who have been studying in the Academy throughout the three consecutive preceding terms.

Applications for the admission of Students should be made to the Secretary at the Academy, of whom all particulars may be obtained.

Many other prizes and certificates of merit, with silver and bronze medals, are awarded annually.

## PRIVILEGES OF SUBSCRIBERS.

*First Class.*—Contributors of 100 guineas in one payment, or 10 guineas annually, have the privilege of being present at, and of introducing three persons to, all the concerts, orchestral and choral practices, lectures, and distributions of prizes, which take place in connection with the Institution.

*Second Class.*—Contributors of 50 guineas in one payment, or 5 guineas annually, have the privilege of being present, and of introducing two persons on the occasions above mentioned.

*Third Class.*—Contributors of 25 guineas in one payment, or 3 guineas

annually, have the privilege of being present, and of introducing one person on the occasions above mentioned.

*Fourth Class.*—Contributors of 12 guineas in one payment, or 1 guinea annually, have the privilege of being present on the occasions above mentioned.

All classes of subscribers have the privilege of recommending students to the Institution, and are eligible for directors.

There are local examiners in thirty-three towns in England and in the Channel Islands.

*Patron.*—Her Most Gracious Majesty the Queen.

*President.*—The Right. Hon. the Earl of Dudley, and four Vice-Presidents.

*Chairman.*—Sir George Elvey.

*Librarian.*—J. Douce.

*Chairman of the Committee of Management.*—Sir G. A. Macfarren.

*Treasurer.*—J. L. Cock.

*Secretary.*—John Gill.

## THE ROYAL COLLEGE OF MUSIC, KENSINGTON GORE, W.

*President*—H.R.H. the Prince of Wales, K.G.

This College, recently founded, owes its origin to the direct influence and support of His Royal Highness the Prince of Wales, who is, appropriately, its first President, and the "National Training School of Music" has now become a part of the "Royal College."

Music is of so much national importance, that it may be well to give a short account of the origin of this College. The musical tastes of the Royal Family are hereditary. George III.'s devotion to Handel is well known. George IV. was a generous and enlightened patron of music, and himself a performer. The Queen and the Prince Consort continued the musical traditions of the Royal Family. Her Majesty's talent for singing is well known to the readers of Mendelssohn's delightful letters; and the practical good done by the Prince in the introduction of fine music at the ancient concerts, the philharmonic concerts, and the performances at Windsor Castle, is specified at length in the appendix to Sir Theodore Martin's "Life of the Prince Consort," volume i. The opportunity of creating a national institution did not arise in the Prince's lifetime, but he showed repeatedly how much he had the advancement of music at heart; he was himself a composer of no mean merit, as the public have an opportunity of judging from the collection of his musical works very recently published. The Duke of Edinburgh, as is well known, is himself an executant, and his skill, taste, and love for music are proverbial throughout the country.

In pursuance of this object, the Prince of Wales, in July, 1878, summoned a number of gentlemen to attend a meeting at Marlborough House. Its purpose is formulated in the following extracts from the programme:—

"It is expedient to promote the further advancement of the art of music in the United Kingdom by the establishment of a Royal National College of Music on a more permanent and extended basis than any existing institution.

"The object of the College will be the combination in one representative body, under the presidency of the Prince of Wales, of practical musicians and the best and most influential patrons of music, with a view to the efficient regulation and improvement of the art and science of music, and, above all, the providing musical instruction of the highest class.

"The instruction afforded will consist of a complete course of professional training extending over several years. Scholarships of an amount sufficient to defray the whole or a great portion of the expense of a course of training will be obtainable by open competition. Non-professional pupils will also be admitted on such terms as to entrance fees or otherwise as may be deemed to be most beneficial to the interests of the College; but in every case the attainment of a sufficient standard of acquirement or ability will be ascertained by examination before any pupil, professional or non-professional, is admitted to the College.

"Honorary fellowships will be bestowed upon persons eminent in the musical world, and it is intended to establish fellowships carrying with them pecuniary advantages."

The mayors and corporations throughout the country supported and encouraged the movement by holding public meetings, and the powerful and eloquent speech of His Royal Highness the Duke of Albany at Manchester gave a still greater impetus to the national feeling, and in his address he showed that relatively to foreign countries England occupied three centuries ago a higher place in the musical world than she does at the present time, and he proved that the almost universal establishment of central and national musical institutions abroad, and the want of such an institution in England, had been one cause why musical progress has not in this country kept pace with the increase of wealth and population, and the corresponding development of science and art.

The movement having now obtained a firm hold in public estimation, liberal subscriptions and donations flowed in with a response equal to the occasion and object. Sir Erasmus Wilson, K.C.B., Sir William J. Clarke, Bart., Sir Thomas Elder, and Miss Courtenay at once subscribed £3,000 each to found three scholarships, and many other equally munificent donations were given, the result being that we have now a conservatoire of Music fully established, which will doubtless last for all time, and is destined to occupy the same position in relation to musical art in the United Kingdom as in Germany is occupied by the conservatoire of Berlin, and in Austria by the conservatoire of Vienna, and will certainly constitute a new era in the history of music in the United Kingdom. On the 29th March, 1883, the first open competitive examination for scholarships was held, and many were awarded. The College is situated in Kensington Gore, S.W. in the building presented for the purpose by Sir Charles J. Freak, Bart., closely adjoins the Albert Hall, and rooms in that building will be available for choral and instrumental practice. The College will be open to pupils of both sexes, who will consist of scholars, exhibitioners, and students. All will follow the same system of study, under the same instructors, and will have similar advantages afforded to them in regard to range and choice of subjects. The above and following extracts have been collated from the articles which appeared in the first printed reports issued by the College, and supplied to this work by the courtesy of the Hon. Secretary. The information may therefore be considered as strictly accurate.



## SCHOLARSHIPS.

A Scholarship will entitle the holder to a thorough and systematic education in theoretical and practical music, as represented in the following branches :—Harmony, counterpoint, and composition ; organ, pianoforte, harp, violin, and other stringed instruments, wind instruments ; singing, including solo, part, chorus, and dramatic singing, with declamation.

Scholars will be entitled to select, at their own option, one of the above branches as a principal subject, but they will also be required to receive instruction in such additional subject or subjects as may be chosen for them. There will further be classes for the practice of orchestral, chamber, and choral music, in which the scholars will be required to take part ; harmony classes and sight-singing classes ; lectures on the history of music, and the construction of instruments. The attendance of all scholars will be compulsory at both of these courses. A course of instruction in modern languages, which the pupils in singing will be required to attend.

The Scholarships are tenable for a period of three years, but may be terminated by the Council at any time, should the progress or conduct of the scholar be unsatisfactory ; on the other hand, the period may be extended when the ability and circumstances of the scholar are considered by the Council to warrant such extension.

Candidates for scholarships are eligible up to the following ages :—Composition, males and females, 21 ; pianoforte, males 18, and females 19 ; organ, males 19, females 20 ; harp, males 18, females 19 ; violin and other stringed instruments, males and females, 18 ; wind instruments, males 20 ; singing, males between the ages of 18 and 23, females between 17 and 22.

The Scholarships are of two classes : Open Scholarships ; Close or Local Scholarships.

## OPEN SCHOLARSHIPS.

These are open to all classes of Her Majesty's subjects, within the prescribed ages, and are obtainable by competitive examination only. The final competitions for vacant Scholarships will be held, after due and proper public notice, at the College.

A certain number of the Open Scholarships will provide not only for the musical education, but also for the maintenance of the scholar.

Fifty Scholarships will be awarded at the opening of the College.

Preliminary examinations will be held throughout the country, with the view of previously testing the candidates, and selecting those whose qualifications are such as to give them a reasonable prospect of success in the final competition ; and those only who may be selected at such preliminary examination will be allowed to attend the final competition.

No fee is charged for admission to the preliminary examination ; but the fee for examination at the final competition is one guinea, which will be returned to the successful scholars.

Open Scholarships providing musical education and maintenance, and bearing in each case the name of the founder, may be founded by any person, association, or public body, by the donation of £2,500 for each scholarship. Four of these have already been established. These are—The Courtenay Scholarship, founded by Miss Courtenay, in memory of her brother, Frank Courtenay, Esq. ; the Wilson Scholarship, founded

by Sir Erasmus Wilson, F.R.S., F.R.C.S.; the Morley Scholarship, founded by Samuel Morley, Esq., M.P., Howard Morley, Esq., and Charles Morley, Esq.; the Elizabeth Pringle Memorial Scholarship, founded by her daughter, Lady Harvey, of Langley Park, Slough.

#### CLOSE OR LOCAL SCHOLARSHIPS.

These may be founded by any person, association, or public body, by the donation of £3,000, which provides both musical education and maintenance; they are obtainable by competition only; may bear such name as the donor may desire, and be confined to natives of the locality, or otherwise restricted as may be wished by the donor, and approved by the Council.

The competition will take place at the College, as in the case of the Open Scholarships; when, if no candidate reaches the required standard of excellence, the funds of the scholarship will be applied to the general purposes of the College, until such time as a sufficiently qualified candidate is elected by competition.

The following Local Scholarships have already been founded:—The South Province (of Victoria) Scholarship for public competition among natives of Victoria, founded by the Hon. Sir William J. Clarke, Bart., Melbourne, Victoria; the South Australian Scholarship, founded by Sir Thomas Elder, Adelaide, South Australia; the Portsmouth Scholarship, founded for natives of Portsmouth, Hants. Mr. William Gilstrap, of Farnham Hall, Bury St. Edmunds, Suffolk, and Newark-on-Trent, Notts, who last year gave £1,000 to the funds of the Royal College of Music, has now added £2,000 to that sum, with the view of founding a scholarship in the College, in his own name, to be awarded (1) to natives of Suffolk, or failing them (2) to natives of Nottinghamshire, or failing them (3) to the country at large.

Exhibitions will be created from time to time, as the funds of the College may admit. They will entitle the holders to certain reductions in the expense of their education, and will be awarded to those who, having failed to obtain Open Scholarships, are next in merit to scholars.

A person becoming entitled to a Scholarship or Exhibition, who declines to accept the emoluments thereof, by reason of his being able to pay for his education or maintenance, may bear the title of Honorary Scholar or Honorary Exhibitioner, or such other title as may be determined by the Council.

#### STUDENTS.

Persons desiring to enter the College as students or paying pupils must pass an entrance examination at the College. The fee for the examination is one guinea.

The full course of instruction occupies three years, and no student is admitted for a shorter period than one year.

As a rule, students are only admitted at the beginning of a term, but exceptions may be made at the discretion of the Director.

Students have the same advantages offered to them, in regard to range and choice of subjects, that the scholars have, and may take part, if sufficiently advanced, in the practices of orchestral, chamber, and choral music. The lectures on the history of music, and the construction of instruments will be open to them; and the students in singing may enter the course of modern languages.

The fee for a student is £40 per annum, payable on entrance and at the beginning of each subsequent year.

*Note.*—In the case of students, it is open to any person so disposed to provide or assist the education of a pupil by paying the fees, either wholly or in part.

#### TERMS.

The College year will consist of three terms, of about thirteen weeks each, as follows :—1. First term, beginning on the Monday nearest to the 1st of May. 2. Second term, beginning on the Monday nearest to the 20th of September. 3. Third term, beginning on the Monday nearest to the 15th of January.

Notice of the precise date of the beginning and ending of each term, of the vacations, of extra holidays, if any, and of the daily hours of instruction, will be given from time to time by the Director.

#### LODGINGS.

Provision will be made, under the direct supervision of the authorities of the College, for the board and residence of the holders of scholarships which include maintenance, in houses approved by the Council. These houses will also be open, on payment of such fees as may be fixed by the Council, and so far as the accommodation may extend, to the holders of scholarships which do not include maintenance, and also to students who, not being resident in London, may desire to be accommodated in them.

#### GENERAL REGULATIONS.

Before entering the College, each scholar or exhibitioner, with a parent or guardian, or other responsible person, will be required to sign a form binding the pupil to obey the rules of the College, and to remain for the entire term of the scholarship or exhibition, except in case of illness or other unavoidable cause.

All pupils, whether scholars, exhibitioners, or students, must attend punctually at the hour appointed for their respective classes, and must on no account absent themselves from any lessons without the permission of the Director.

Any pupil breaking the rules of the College, or otherwise guilty of misconduct, will be subject to dismissal, on the decision of the Council.

No pupil will be allowed to take part in any public performance, or publish any composition, or enter into any engagement, except by the written permission of the Director.

Pupils will be examined periodically, and marks of distinction will be awarded to those who pass their examinations satisfactorily.

Pupils must be at least nine years of age when they enter the College; and must possess the educational and physical qualifications necessary for the class of study proposed to be adopted.

In addition to the regular course of instruction, pupils may be required to attend other classes, when this is considered desirable by the Director.

This prospectus will be subject to alteration from time to time, with the exception that the rights of the existing holders of scholarships and exhibitions will be preserved.

#### PRELIMINARY EXAMINATION FOR SCHOLARSHIPS.

##### *Notice to Candidates.*

Candidates will bring not less than three pieces of music, which they

have prepared, one of which, in the case of instrumentalists, should be a study; and they will perform any portions of them selected by the Examiners.

Their knowledge of the rudiments of music, such as clefs, keys, scales, times, etc., will be tested, and they will be expected to answer questions as to the meaning of any signs, marks of expression, etc., which may occur in the music performed. They will also be expected to play or sing any scale required, to read at sight, and to play or sing from memory.

Special credit will be given to those candidates who, in addition to the above, are able to pass an examination in transposing, modulating between given keys, and preluding or extemporising.

Candidates who have attempted composition may submit specimens of their work, and must be prepared to play them, if required.

An application form is supplied to those wishing to attend a preliminary examination for an open scholarship; it has to be signed by the candidate, and accompanied by registrar's certificate of age, with (1) name in full, (2) address, (3) age last birthday, (4) profession or occupation of father, (5) the place in which candidate wishes to be examined, and (6) candidate to state which of the following is intended to be made the principal study:—(1) composition, (2) singing, (3) pianoforte, (4) organ, (5) harp, (6) violin or other stringed instrument, (7) other orchestral instruments.

N.B.—No candidate to be eligible, whose age, on May 1st, 1883, shall have exceeded, for composition, males and females, 21; pianoforte, males 18, females 19; organ, males 19, females 20; harp, males 18, females 19; violin or other stringed instruments, males and females, 18; wind instruments, males, 20; singing, males, between the ages of 18 and 23, females, between the ages of 17 and 22.

No fee is charged for admission to the preliminary examination; but a fee of one guinea will be required from those who present themselves for the subsequent final competitive examination, which will be returned to successful candidates. The date of payment of this fee will be notified to those candidates who pass the preliminary examination.

The form must be forwarded, and all communications addressed, to Charles Morley, Esq., Honorary Secretary, Royal College of Music, Kensington Gore, S.W., London.

Applicants for admission as paying pupils (students) are also required to fill up a form which will be supplied to them by the Honorary Secretary, giving the (1) name, (2) address, and (3) subject for principal study.

The fee for examination is one guinea.

#### *Trustees.*

|                                    |                                        |
|------------------------------------|----------------------------------------|
| H.R.H. The Prince of Wales, K.G.   | Right Hon. Lord Charles Bruce, M.P.    |
| H.R.H. The Duke of Edinburgh, K.G. | Sir Rich. Wallace, Bart., K.C.B., M.P. |
| The Duke of Westminster, K.G.      | Sir John Rose, Bart., G.C.M.G.         |

#### *Professors.*

*Pianoforte*.—John Francis Barnett, Eaton Faning, Arabella Goddard, \*Ernst Pauer, \*Franklin Taylor.

*Counterpoint*.—\*John Frederick Bridge, Mus. Doc. Oxon.

*Singing (Female side)*.—Henry C. Deacon, \*Jenny Lind-Goldschmidt, Elisa Mazzucato. *Male side*.—\*Albert Visetti.

*Conductor of Choral Practice.*—Eaton Faning.

*Viola.*—Alfred Gibson.

*Violin.*—Richard Gompertz, \*Henry Holmes.

*Oboe.*—George Horton.

*Violoncello.*—Edward Howell.

*Declamation (Female side).*—Mrs. Madge Kendal.

*Clarinet.*—Henry Lazarus.

*Horn.*—Thomas E. Mann.

*Organ.*—\*John Frederick Bridge, Mus. Doc. Oxon., George C. Martin,  
\*Walter Parratt, Mus. Bac. Oxon.

*Italian Language.*—G. A. Mazzucato.

*Musical History.*—\*C. Hubert H. Parry, Mus. Bac. Oxon., Mus. Doc. Cantab.

*Composition.*—\*C. Hubert H. Parry, Mus. Bac. Oxon., Mus. Doc. Cantab.,

\*C. Villiers Stanford, M.A., Cantab.

*Conductor of Orchestral Practice.*—\*C. Villiers Stanford, M.A., Cantab.

*Double Bass.*—Adolphus C. White.

*Bassoon.*—W. B. Wotton.

*Flute.*—Vacant.

*Trumpet.*—Vacant.

*Treasurers*—Baron Ferdinand de Rothschild, Thomas P. Chapell, Esq.

*Bankers.*—The Bank of England and the London and Westminster Bank.

*Director*—Sir Geo. Grove, D.C.L.

*Hon. Secretary*—Charles Morley.

## TRINITY COLLEGE, LONDON.

MANDEVILLE PLACE, MANCHESTER SQUARE, W.

This College was instituted in 1872, and incorporated under its present title in 1875—the Council being enlarged and re-incorporated in 1881—having for its objects the advancement of Musical and General Education, by (1) organising classes and lectures; (2) holding examinations at which diplomas, certificates, and prizes are given to the successful candidates; and (3) the doing all other such lawful things as are calculated to promote the objects in view. About 300 pupils attend the classes.

The Academical Division, under the superintendence of a Board deputed by the Council, consists of two departments:—1. Classes and Lectures; 2. Public Examinations.

**CLASSES AND LECTURES.**—The scheme includes every subject connected with the Science and Art of Music, viz., Choir Management, Harmony, Counterpoint, Musical Composition, Vocal Music, Organ (with opportunities for practice), Pianoforte, Orchestral Instruments, Vocal and Instrumental Practice, etc., and General Subjects, viz., Classics, Mathematics, Modern Languages, English Literature, Science, etc. Some free Scholarships have been established; also gold and silver medals, as well as other prizes for diligence and progress in study.

Those with an asterisk form the Board of Professors.



Resident Students are received upon conditions named in the Calendar for 1881-82.

The Examinations for Diplomas in Music are held twice a year, and are open to persons of either sex, whether Students of the College or not. There are now 75 Licentiates, and about 100 Associates.

The special certificates are designed to meet the needs of those who, unable to enter for the Professional Diplomas of the College, desire to obtain credit for technical knowledge of any special subject. The subjects are—(1) Harmony, (2) Counterpoint, (3) Instrumentation, (4) Solo Singing, (5) Pianoforte, (6) Organ, and (7) Violin, Violoncello, or any other Orchestral Instrument approved by the Academical Board. Candidates may enter for one or more subjects at the same examination.

Local Examinations in Elementary Musical Knowledge are held in all parts of the United Kingdom and the Colonies, at centres placed under the care of Local Secretaries. There are national prizes, honour certificates, and pass certificates. Applications for the appointment of local centres should be made, in the first instance, to the Secretary. Since 1877 over 12,000 candidates have been examined.

Local Examinations in Instrumental and Vocal Music may be arranged through the Local Secretaries. The Examiner, appointed by the Academical Board, may visit an examination centre at any time. Since 1879 nearly 3,000 candidates have been examined.

**INSTITUTIONS IN UNION.**—Any Institution, College, School, Choir, or Society may, subject to the approval of the Academical Board, be enrolled in union with the College, on the election of the Principal or Secretary as an honorary member. Institutions in union, amongst other privileges, may enter their members for all the Local Examinations at reduced fees. Applications for enrolment should be directed to the Hon. Local Secretary of the centre in which the Institution is situate, or, if there be no centre, to the Secretary. Up to the present time upwards of 500 Institutions, Schools, etc., have been enrolled in union.

Honorary membership of the College is obtainable by election, and on payment of an annual subscription of one guinea. Honorary members have free access to the College Library; the privilege of competing for Scholarships and Prizes; the Calendar and College Journal (monthly), gratis; free enrolment of an institution in union; the electoral privilege of the College Senate; right of attendance at the usual public meetings of the College. "House members" have in addition (on payment of a further annual subscription of one guinea) the free use of the Reading Rooms of the College, etc. There are now about 500 honorary members.

Regulations as to the classes, the prizes, and conditions will be supplied on application to the Secretary.

**FEES.**—Per Term: Harmony, 1*l*. 5*s*.; Counterpoint, etc., 1*l*. 5*s*.; Form, 1*l*. 5*s*.; Orchestration, 1*l*. 5*s*.; Musical Acoustics, 1*l*. 1*s*.; Pianoforte, 2*l*. 10*s*. and 4*l*. 4*s*.; Ensemble Pianoforte Class, 2*l*. 2*s*.; Organ, 2*l*. 10*s*.; Harmonium, 2*l*. 10*s*.; Solo Singing, 2*l*. 10*s*. and 4*l*. 4*s*.; Violin, 2*l*. 10*s*. and 4*l*. 4*s*.; Violoncello, 2*l*. 10*s*.; Flute, 3*l*. 3*s*.; Oboe, 3*l*. 3*s*.; Clarinet, 3*l*. 3*s*.; Harp, 3*l*. 3*s*.; Choral Society, 5*s*.; Extemporaneous Fugue Playing, 3*l*. 3*s*.; Figured Bass Playing, 3*l*. 3*s*.; Sight Singing, 5*s*.; Physiology of Vocal Organs and of the Ear, 2*l*. 2*s*.; Musical History, 1*l*. 1*s*.; Choral Class for Clergy, 2*l*. 2*s*.; Orchestral Society, 10*s*. 6*d*.

**COMPOUNDING FEE.**—Students for three studies (Pianoforte, Singing, and Harmony) are received at an inclusive fee of Five Guineas per Term,

the Student having the privilege of naming his principal study and choosing the Professor for it, subject to the approval of the Chief Director. For the secondary studies, Students are placed with the Professors chosen by the Chief Director.

**SESSIONAL TICKETS.**—The fees per Session of three Terms are, for a practical subject, from 6*l.* 15*s.*; this however may be paid for in three instalments, as follows: First Term, 2*l.* 10*s.*, Second Term, 2*l.* 5*s.*, Third Term, 2*l.*, thus giving a distinct advantage to Sessional Students without the necessity of paying the whole fee in advance. The Sessional payment may be reckoned from the beginning of any Term in which the Student enters.

**UNIVERSITY LECTURES.**—The London Society for the extension of University Teaching having established a centre at Trinity College; a course of Lectures on Musical Acoustics will be given by Dr. W. H. Stone, M.A., M.B., F.R.C.P., on Fridays, at 5.30 p.m. At the end of the Term an Examination will be held, and Certificates granted by the joint Board of the Universities of Oxford, Cambridge, and London. Fee, One Guinea per Term. Special Terms will be made in the case of Enrolled Schools, etc.

There are Evening as well as Day Classes, and Students may enter for a Single Study.

Each Student receives Individual Instruction, and Separate Classes are formed for Ladies.

There are Three Terms (of Twelve Weeks each) in the Academical Year.

Michaelmas Term (1882) begins September 25, ends December 16.

Lent Term (1883) begins January 15, and ends April 14.

Trinity Term (1883) begins April 30, and ends July 23.

A Registration Fee of Five Shillings is charged on entering the College, and is appropriated to a Special Fund for the maintenance of the College Library. Each Student on entering the College will be presented with a copy of the College Calendar.

### EXAMINATIONS.

The Classes and Lectures are intended as a preparation for the Public Examinations at the Universities, and for the Examinations of the College. Students preparing for any of the Examinations may obtain special advice and assistance from the Warden or the Chief Director. Students of the College are allowed to enter for all the College Examinations at reduced fees.

The following is the Scheme of the Trinity College Examinations:—

The Diplomas of Associate and Licentiate in Music of Trinity College, London.

Higher Examinations for Women.

Special Certificates for Technical skill and the positions of Associate-Pianist, Organ-Associate, and Associate-Vocalist of the College.

Local Examinations in Elementary Musical Knowledge, and in Instrumental and Vocal Music.

The regulations for all or any of the above Examinations may be obtained on application to the Secretary, from whom also may be had the Official List of Vocal and Instrumental pieces approved by the Board for the Curriculum and Examinations of the College.

## THE HENRY SMART SCHOLARSHIP,

OF THE VALUE OF THIRTY GUINEAS PER ANNUM, TENABLE FOR  
THREE YEARS, OPEN TO ALL COMERS OF EITHER SEX.

The following Prizes and Medals are awarded amongst the Students  
of the College :—

The Tallis Gold Medal.

Silver Medal }  
Bronze Medal } for Regularity and Diligence.

Composition Prizes for Musical Students.

The Stark Medals.

## COLLEGE CHAPEL.

Divine Service is held occasionally. The Service is fully choral. Resident Students, being members of the Church of England, are expected to attend, and all other Students, members and friends of the College, being members of the Church of England, are cordially invited.

## RESIDENT STUDENTS.

Halls of Residence in connection with the College have been established for the reception of Students coming from the country, and the following Halls have already been licensed by the Academical Board :—

## MALE STUDENTS.

49, *St. John's Road, Highgate, N.*—J. C. Beuthin, Esq., Principal.

52, *Devonshire Street, Portland Place.*—Mrs. Chas. J. Baker, Lady Principal.

47, *Upper Baker Street, N.W.*—Mrs. Axford, Lady Principal.

## FEMALE STUDENTS.

37, *Blenheim Crescent, Bayswater, W.*—Mrs. Forster, Lady Principal.

10, *Belgrave Road, Abbey Road, N.W.*—Mrs. Franklin, Lady Principal.

53, *York Terrace, Regent's Park, N.W.*—Mrs. Mardon, Lady Principal.

*Warden.*—The Rev. H. G. Bonavia Hunt, Mus.B., F.I.S., F.G.S.

*A President and Council of forty-five members.*

*Registrar.*—Humphrey J. Stark, Esq., Mus.B.

*Director of Studies.*—Bradbury Turner, Mus.B.

*Bursar.*—Bradbury Turner, Esq., Mus.B.

*Hon. Secretary.*—John Stedman, Esq., F.R.G.S.

*Dean.*—E. H. Turpin, L.Mus., T.C.L.

*Hon. Organist.*—J. F. Bridge, Esq., Mus.D.

*Physician.*—Llewelyn Thomas, Esq., M.D., M.R.C.S., L.R.C.P.

*Surgeon.*—Charles C. Fuller, Esq., F.R.C.S.

*Superintendent of Classes.*—Shelley Fisher, Esq.

*Superintendent of Examinations.*—John Hill, Esq.

*Secretary.*—Shelley Fisher, Esq.

## THE GUILDHALL SCHOOL OF MUSIC

(Under the conduct and control of the Corporation of London).

The above association, which is the largest School of Music in England, was opened in September, 1880. There are three terms in the year,

consisting of 12 weeks each, and the fees, for one lesson weekly, in a single study, are from 1*l.* 1*s.* to 3*l.* 3*s.* per term; and for two lessons weekly in a principal study, one lesson weekly in a second study, and one lesson weekly in sight singing—elementary, 4*l.* 4*s.*; intermediate, 5*l.* 5*s.*; high class, 7*l.* 7*s.* per term. No entrance fees or extra charges.

*Principal.*—J. Weist Hill.

*Secretary.*—C. Smith. Guildhall.

## THE TONIC SOL-FA COLLEGE,

FOREST GATE, LONDON, E.

The Tonic Sol-fa College was established in 1863, and since its incorporation in 1875 has been doing a great and useful educational work throughout the country. Its system of graded Certificates, Postal Courses, etc., has been eminently successful in spreading a knowledge of music among the people.

A fund is being raised for the purpose of erecting a building suitable for the work of the College, containing Lecture Hall, Class Rooms, etc., as the increasing demand for qualified Sol-fa Teachers for the elementary schools throughout the country renders it necessary that the personal teaching of the College shall not be limited to a short summer Session, but be continued throughout the year. A portion of the building has been erected, and is now occupied.

The objects for which the College is established are :—

- (a) The musical advancement of the Students of the Tonic Sol-fa Method. The term Tonic Sol-fa Method means the method of teaching musical subjects, which is set forth in the publications of the late Mr. John Curwen, and such developments of the same method as may be adopted by Special Resolution at an Extraordinary General Meeting of Members.
- (b) The training of Teachers of the Tonic Sol-fa Method.
- (c) The extension of musical knowledge among the people by means of the Tonic Sol-fa Method.
- (d) The holding of Examinations and the awarding of certificates, scholarships, and fellowships.
- (e) The doing all such other lawful things as are incidental or conducive to the attainment of the above objects.

The income and property of the College, whencesoever derived, shall be applied solely towards the promotion of the objects of the College.

During the year ending May 31st, 1880, Certificates of various grades in the practice and theory of Music were issued to the number of 11,237.

Mr. John Spencer Curwen, the indefatigable President of the College, has written a very able pamphlet entitled "The Story of Tonic Sol-fa," and he introduces his article with the following interesting particulars :—

There was living at Norwich, about the year 1812, the daughter of an English clergyman, who, with her sister, was active in all kinds of philanthropic work. A young Sunday-school teacher came to her sister one day, wanting to learn enough of singing to be able to use his voice in church. His instructress set to work to play a tune to him repeatedly on the pianoforte, while he endeavoured to imitate with his voice the sounds which the instrument gave forth. It soon occurred to Miss Glover, how-

ever,—for this was the lady's name,—that if she pasted letters over the keys of the pianoforte, and then wrote on a piece of paper the letters corresponding with those placed over the keys, in the order in which they needed to be touched to bring forth the tune, the youth might teach himself. So she chose the last twelve letters of the alphabet, and pasted them over the black and white keys. But O, P, Q, and the rest, looked barbarous, and the question came "Why not place the old *Sol-fa* syllables beneath the pitch notes, and slide them up and down, following the keynote of each tune, after the genuine fashion of solmisation?" It was not long before *do, re, mi*, and the rest, were thus added, and then those who tried to pick up a tune in Miss Glover's way told her that they never looked at O, P, Q, finding all they needed in *do, re, mi*. She therefore discarded the letters, except when they were necessary, in the beginning of a tune, to tell where its pitch lay. All that was left was a *Sol-fa* Notation of Music. The thought of music, thus cleared from the mystery of sharps and flats, was in itself so fascinating, that Miss Glover was led on with increasing interest. She began a series of experiments with the children of the City Charity School, the Norwich Union, and the parish school of Pakefield, in Suffolk. The work was not all encouraging, for musical people said that the attempt to teach music by a notation of letters was chimerical, while others thought that if children were taught to read music, it would be pretty well over with their morals. But Miss Glover's patient perseverance conquered, and her work went on. She had received a thorough musical education, and had obtained from Dr. Marsh the idea of a family of keys—the principal major key with its relative minor, and their offspring, the key of the dominant with its relative minor, and that of the sub-dominant with its relative minor. On this idea her ladder of tune was founded. Her way of writing music was nothing more serious than the letters of this diagram, already familiarised to the mind's eye, written down in horizontal lines.

"My own connection with the system," says Mr. Curwen, "has arisen in this wise. I am one who is deeply interested in the education of children. About eight years ago—we are quoting from a paper read to some school-teachers in the year 1846—I became anxious to teach a number of them under my charge to sing, chiefly with the design of making them love the Sunday-school. Having no natural advantages of ear or voice, I sought help. I learnt a few tunes, and with the assistance of a friend, taught them to the children. We had 200 children for two hours twice a week. By dint of loud singing we carried the voices of the children with us, and taught them many tunes. We endeavoured most strenuously also to give them a knowledge of crotchets and quavers, flats and sharps, and clefs, hoping thereby to give some permanence to the fruits of our labours; but this was in vain. We succeeded, however, in producing most delightful results for the time, although they extended not beyond the particular tunes which we had taught with extreme labour. For myself, all this while I could neither pitch a well-known tune properly, nor by any means "make out" from the notes the plainest psalm-tune which I had not heard before. To obtain that moderate ability was the height of my musical ambition. I therefore sought a private teacher, who, with the help of a piano, drummed much practice into me, but no independent power. I now saw that Miss Glover's plan was to teach first the simple and beautiful thing Music, and to delay the introduction to the ordinary antiquated mode of writing it, until the pupil had obtained a mastery of



the thing itself. Her method was, beyond all controversy, more deeply established on the principles of the science than any other ; and, by giving it a fair trial on myself, and on a little child who lived in the same house, I became convinced that it was also the most simple of all—the most easy to teach and the most easy to learn.”

The Rev. E. P. Cachemaille, M.A., Vicar of S. Peter's Stepney, has written an article entitled “The Tonic Sol-fa Method, the Sunday-school, and Church Psalmody,” of which the following is an extract :—

“Music is a power,” especially with children ; and the simpler and more effective the method of teaching music, the more easily can that power be wielded. Music forms an indispensable element in the day-school instruction, but it is of scarcely less use and importance in the Sunday-school ; for our Sunday-school teachers are generally some of our most devout, earnest, and intelligent communicants, and our Sunday-scholars are, or ought to be, the future members of our congregations. There is the closest connection between the Sunday-school and the Church. By promoting music in our Sunday-schools, then, we not only do our scholars a moral good, and provide them with a heaven-sent means of innocent and wholesome recreation, but also we exercise a powerful influence on our Church psalmody, and train up intelligent recruits for our Church choirs.

*President.*—Mr. J. Spencer Curwen.      Mr. Samuel Linder, }  
*Secretary.*—Mr. Robert Griffiths.      Mr. Andrew Ashcroft, } *Treasurers.*

## THE ROYAL NORMAL COLLEGE AND ACADEMY OF MUSIC FOR THE BLIND, WESTERN STREET, UPPER NORWOOD, LONDON.

*Patron.*—Her Most Gracious Majesty the Queen.

*President.*—His Grace the Duke of Westminster, K.G.

By the will of the late Mr. Gardener he left the munificent sum of 300,000*l.* to promote the welfare of the blind, and it is not improbable that this benefaction might constitute the commencement of a new epoch with regard to the position and education of the blind in this country. At present this is the only high School of Music for the blind, and it undertakes no other work than to teach them music and to prepare them by general education to be musicians ; 70 to 80 per cent. of the pupils educated here learn to maintain themselves and earn incomes of from 50*l.* to 100*l.* a year. The cost of building and founding the College was 25,000*l.* It is charmingly situated on the slope of a terraced hill. There is a gymnasium for the pupils, and a large level playground, covered with green turf, bounded by a broad walk paved with planks at the corners to indicate to the blind Students when they should turn. The terraces are severally appropriated to the recreation of pupils of different age and sex. There are 82 pupils in the Institution. Of the eleven who left last year, nine are well employed ; the other two are forming private connexions as pianoforte tuners.

Mr. J. F. Campbell, the Principal, is himself blind, and he is an accomplished musician, and a true benefactor to the blind. Sir Rutherford

Alcock is the Treasurer, and Lord Richard Grosvenor, M.B., is the Chairman of the Executive Committee.

The Institution was founded on the 1st March, 1872, and its object, as before stated, is to afford a thorough general technical and musical education to the youthful blind of both sexes who possess the requisite talent, so as to qualify them for self-maintenance. Experience has shown that the blind can seldom fully support themselves merely by *manual labour*, and the great majority of those who have been trained to industrial trades continue to require charitable assistance during their whole life. It is well known that many of the blind possess musical talent, yet only a small number in the United Kingdom have ever been qualified to earn their living by the profession of music.

Such was formerly the case in other countries, but during recent years great improvements in the general and musical education of the blind have been effected abroad, particularly in France and America, and large numbers of this class, educated in the institutions of those countries, have been enabled to maintain themselves fully by various pursuits, especially as skilled organists, teachers, pianists, and pianoforte tuners.

In view of the practical results of the improved education of the blind in other countries, the Normal College and Academy of Music was founded in order to afford similar advantages to the youthful blind of the United Kingdom.

Upwards of 80 pupils from London and other large towns have been under instruction; a number have already left the College, and are now regularly employed as thoroughly competent pianoforte tuners, and the progress of the pupils generally has proved so satisfactory that numerous eligible candidates from all parts of the kingdom, who will soon pass the age for effective training, are now anxious to obtain the special education and training afforded at the Normal College.

MUSICAL DEPARTMENT.—Through the earnest labours of able teachers, the pupils have made great progress in this department during the year. In his regular pianoforte recitals, Mr. Hartvigson is playing and carefully analysing the most useful works for the piano. There is an excellent organ in the new hall, Mr. Hopkins being the teacher.

The Messrs. Broadwood, who have always been among the most liberal patrons, have recently placed one of their finest concert grands in the new hall for the use of the College; and Dr. Armitage has presented one large and two small organs, which have been erected at the cost of a thousand guineas.

SCHOOL DEPARTMENT.—The duties of the school begin and close each day with simple devotional services. The recitations and lessons, with the exception of pianoforte classes, continue forty-five minutes—fifteen minutes of each hour being devoted to recreation. Each pupil is also required to spend an hour in the gymnasium for special gymnastic training. Classes receive instruction in reading, writing, spelling, defining, Bible history, English grammar, analysis, elocution, objects, natural history, political and physical geography, physiology, natural philosophy, arithmetic, and geometry. In the evening all the pupils are required to listen to well-selected historical and general reading, and for this purpose they are arranged in classes, according to age and ability. *Teachers*.—Miss M. C. Greene, and Miss E. S. Adams.

The fees vary somewhat according to age. Pupils over 13 years of age are charged 60*l.* per annum. This includes board and general education, use

of instruments, etc. Pupils are admitted from 7 to 21 years of age, at first only on trial, and they only become permanent pupils when the Principal is able to certify that in his opinion the candidate can be qualified for self-maintenance by a thorough course of training. A number of Scholarships have been established by Local Committees in Glasgow, Edinburgh, Paisley, Dundee, Manchester, Bristol, and other towns.

Examinations in the Educational Department have usually been conducted by one of Her Majesty's Inspectors of Schools, and are held with the Musical Examinations at Easter. The annual vacation begins early in August, and closes early in October.

Neither pains nor expense is spared to make the instruction equal to that given in the very best schools for sighted persons.

#### OFFICERS.

*Treasurer.*—Sir Rutherford Alcock, K.C.B.

#### *Musical Examiners.*

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E. J. Hopkins, Esq.

Henry Leslie, Esq.

Prof. Macfarren, Mus. Doc.

A. Manns, Esq.

John Stainer, Mus. Doc., M.A.

*Principal.*—Francis J. Campbell, Esq.

*Lady Superintendent.*—Mrs. F. J. Campbell.

*Matron.*—Miss E. Proctor.

*Hon. Secretary.*—Major Cavendish FitzRoy.

## LONDON ACADEMY OF MUSIC,

ST. GEORGE'S HALL, REGENT STREET NORTH, W.

This academy (which is divided into two departments, one for ladies, the other for gentlemen) is doing great and increasing work. It is designed for vocal and instrumental students, amateur and professional, desirous of receiving a complete musical education in this country, from the best London professors, at the moderate fees of the continental institutions. Candidates for admission as students, either as amateurs or professionals, must show that they possess sufficient ability by the course of study, and are required to attend at the academy, St. George's Hall, Langham Place, previous to admission, in order that they may be examined by the principal. There are about 350 students, who are grouped into classes under the direction of their respective professors.

A branch establishment for amateurs only has been opened at No. 1 Hampstead Gardens, South Kensington.

*Principal.*—Dr. H. Wylde.

*Hon. Sec.*—C. Thew.

## LONDON ORGAN SCHOOL AND COLLEGE OF MUSIC,

Established in 1865 by the Rev. F. Scotson Clark, Mus. B.

3, PRINCES STREET, CAVENDISH SQUARE, W.

About 300 Students are under instruction. The fees being 2*l.* 2*s.* per course of 12 lessons. Pupils are admitted at any age, and can join at any time.

*Principal.*—Henry Clark.

## SCHOOL OF MUSIC,

133, LANCASTER ROAD, NOTTING HILL, W.

Pupils receive higher instruction in the following branches :—Pianoforte (Solo Playing), Pianoforte (Accompanying), Harmonium, American Organ, Singing, Harmony, Organ. Terms : Pianoforte, 12 Lessons, 3 guineas ; Organ, 10 Lessons, 3 guineas ; Harmonium, 10 Lessons, 3 guineas ; American Organ, 10 Lessons, 3 guineas ; Singing, 12 Lessons, 3 guineas ; Harmony, combined with any of the above subjects, 1 guinea extra, or as a separate study, 12 Lessons, 3 guineas ; Part Singing in Class, each Pupil for course of 12 Lessons, 5s. All the above Lessons are of an average duration of forty minutes each.

Special arrangements as to Terms made with Schools for longer or shorter Lessons than the above quoted.

*Principal.*—Russell Lochner.

## THE LONDON CONSERVATOIRE OF MUSIC,

6, TAVISTOCK SQUARE, W.C.

Pupils are admitted at any age, and can join at any time. Instruction is given in every branch of Musical Study.

*Principal.*—Lansdowne Cottell.

## ENGLISH COLLEGE OF MUSIC,

304, REGENT STREET, OXFORD CIRCUS, W.

Lessons in every branch of Musical Study.

Piano, singing, organ, violin, flute, 'cello, 2l. 2s. per course.

*Principal.*—Horatio Tuddenham.

*Examiner.*—E. Bunnett, Mus. Doc., Cantab.

## ROYAL SOCIETY OF MUSICIANS OF GREAT BRITAIN,

12, LISLE STREET, LEICESTER SQUARE, W.

“To deliver the poor that cry.”

This Society was founded in 1738, for the maintenance of aged and indigent musicians, their widows and orphans, and it was incorporated by Royal Charter in 1789. It is at present supporting fifteen members, forty-three widows, and twelve children. The Earl of Dudley is one of the patrons of the Society; and this excellent and valuable Institution calls for the generous and open-handed support of all lovers of music.

The origin of the Institution, like that of many others, was purely accidental. Above a century ago, a celebrated German oboe-player of the

name of Kytch came to this country, where he soon obtained such eminence that he was engaged at two or three private parties in an evening, to play Opera songs, etc., etc., which he executed with exquisite taste and feeling. But, with all the patronage and encouragement that Kytch enjoyed, he, like too many other talented men, was very improvident: he neglected his family, then himself; consequently he became totally incapable of appearing before any respectable assembly, and at last he was found one morning in St. James's Market, breathless.

That "great good often rises from partial evil" has been verified in this instance. Soon after the death of Kytch, Festing, the celebrated violinist, Weidemann, the flute-player, who instructed His Majesty George the Third, and Vincent, the oboe-player, were standing at the door of the Orange Coffee House in the Haymarket, when they observed two very interesting boys driving milch asses; on enquiring who they were, they proved to be the orphans of the unfortunate Kytch. With a feeling that reflects honour on their memories, they entered into a subscription to rescue the children of their departed brother-professor from such a degrading situation; and on consulting with Dr. Green and several other eminent composers, on the necessity of a fund to alleviate the distress of indigent musicians, their widows and orphans, they established, on the 19th of April, 1738, this Society.

The Founders of this Society worked with energy and determination, and in a very short time the most celebrated musicians of that period were enrolled as members, Handel being one of the professors who took part in this great movement, and who continued throughout his life to watch over the interests of the Institution. He testified his appreciation of the good effected by bequeathing 1,000*l.* to its funds.

In the year 1789 the Society was granted a Royal Charter by His Majesty King George III.; and from the constant interest taken by this sovereign in its welfare, as well as the large amount it received from the Commemoration Festivals at Westminster Abbey, amounting to 25,000*l.*, it was enabled to diffuse an extent of relief and comfort to its distressed members commensurate with the views of its promoters. From that time to the present, each year has been marked by a constant accession to its funds. Subscriptions, donations, and legacies, contributed by those interested in the encouragement of the art of Music, and in the welfare of its professors, are presented at each anniversary.

In 1789 the Institution was made a corporate body, under the designation of "The Royal Society of Musicians of Great Britain," to be managed by twelve Governors and a Court of Assistants, consisting of forty-eight members.

During the last season, over 3,000*l.* were expended in providing for the maintenance of the widows and orphans, and solacing the declining years of its poorer members, who, in old age—having worked hard, oftentimes ill-paid—had been precluded and disabled from continuing the stern struggle for employment.

The payment of ten guineas constitutes an honorary subscriber for life; and the payment of one guinea, or more, annually, an honorary subscriber; for which each subscriber is entitled to two half-guinea tickets for the Society's Annual Performance of Handel's Oratorio, "The Messiah," (Conductor, Mr. W. G. Cusins,) at which the distinguished Artists kindly give their gratuitous services.

It is a most interesting scene when the claimants attend at the Society's



Rooms, in the first or second week in June, to make a declaration of their income, independently of the Society's allowance, to behold the happy and contented appearance of the widows, some of whom have been claimants for forty or fifty years.

The Society enrolls on its list of more than 200 Members the names of ladies and gentlemen possessing talent in their profession, second to none in Europe, who not only afford pecuniary aid, but who devote a great portion of their valuable time to the business of the Institution.

*Patrons.*

His Royal Highness the Prince of Wales, K.G.

His Royal Highness the Duke of Edinburgh, K.G.

His Royal Highness the Duke of Cambridge, K.G.

*Hon. Treasurer.*—W. H. Cummings, Esq., Brackley Villas, Dulwich, S. E.

*Secretary.*—Mr. Stanley Lucas, 84, New Bond Street, W.

*Collector.*—Mr. J. W. Standen, 45, Albert Street, Mornington Crescent, N. W.

## HER MAJESTY'S COLLEGE OF ARMS, OR HERALDS' COLLEGE,

QUEEN VICTORIA STREET, DOCTORS COMMONS, E.C.

This ancient corporation, rich in historic associations, does not, as might be inferred from its title, afford any means of instruction in the "mysteries of Heraldry;" and it has been said that there is no institution in London, around which so impenetrable a barrier has been thrown. Instruction in the science is not however exactly a "sealed letter," but is exclusively confined to its own members and *employés* who acquire chiefly the knowledge of such duties as pertain to their respective positions.

Her Majesty's College of Arms is one of the oldest, if not the oldest, Institution in the Kingdom. It is composed of fourteen members, namely, one Earl Marshal, three Kings of Arms, six Heralds, and four Pursuivants. The Patronage of the College belongs to the Duke of Norfolk as Hereditary Earl Marshal. Stanley House was the original tenement, which was destroyed in the great fire, anno domini 1666, and the present building is a quaint-looking edifice situated in Queen Victoria Street, E.C.

A mistaken idea prevails, that this College is a wealthy one. There was a time when no doubt it was so, as for some centuries it was the sole channel of honours flowing from the crown to the subject, and at one period the fees that were paid to the "College of Arms," as well as to the Crown, were very considerable indeed, but now that compulsory honours are no longer known, the receipts have greatly fallen off, and the salaries attaching to the various offices have remained as they originally were. At the present day the Garter King of Arms enjoys a nominal stipend of 49*l.* a year. The Heralds receive something like 18*l.* a year, and the Pursuivants possibly a less amount. The working of this useful Institution costs the public, however, nothing. It is not merely in matters of pageantry and dignity with which the Heralds' College has to do. Many questions with regard to inheritance have been settled by a reference to what are termed the Visitation Books, which contain the fullest particulars

of the family history of the nobility and gentry of this country, from the Reformation to the Revolution. The official records of the College of Arms are divided under twelve heads, namely:—

(1) The Visitation Books, above referred to ; (2) books of miscellaneous pedigrees entered both during and after the period of the visitations ; (3) books of the pedigrees and arms of peers ; (4) books of the pedigrees and arms of baronets ; (5) books of the funeral certificates of the nobility and gentry ; (6) books containing accounts of coronations and Royal marriages and funerals ; (7) books called the Earl Marshal's Books, from the reign of Queen Elizabeth ; (8) books of the arms of Peers, Knights of the Garter and Bath, and copies of all grants of armorial bearings ; (9) a list of Knights from early times, and the names of all persons on whom knighthood has been conferred from the beginning of the seventeenth century ; (10) a register of the pedigrees and arms of Knights and Esquires of the Bath from the beginning of the current century ; (11) registers of the pedigrees and arms of Scotch and Irish families under the authority of the Lyon and Ulster Kings of Arms respectively ; (12) books termed Partition Books, commencing in the reign of Henry VIII., and containing an account of the fees received by and distributed among the officers of arms for their attendance at public ceremonies, and for the performance of other duties by them. In addition to this, the library of the College of Arms contains nearly 1,200 other MS. volumes, consisting of copies of visitations, collections of pedigrees and arms, transcripts and abstracts of charters, deeds, inquisitions, and other records applicable to genealogical and antiquarian researches ; comprehending the accumulated labours of Glover, Camden, Vincent, Phillpot, Walker, Dugdale, Le Neve, Dale, Brooke, and Townsend, and those of other distinguished and able members of the College.

With the custody of such important records the College of Arms must undoubtedly remain as one of the permanent and necessary Institutions of the country. In Scotland there is a College of Arms, consisting of Lyon, King of Arms, and three Heralds ; and in Ireland the Chief Heraldic officer is styled Ulster King of Arms.

The officers of the three Colleges are as follows, and the official hours are from ten to four daily.

*Earl Marshal.*—Duke of Norfolk.

#### KINGS OF ARMS.

*Garter.*—Sir Albert William Woods, F.S.A.

*Clarenceux.*—Robert Laurie, Esq.

*Norroy.*—Walter Aston Blount, Esq.

#### HERALDS.

*Chester.*—Henry Murray Lane, Esq.

*Lancaster.*—George Edward Adams Cokayne, Esq., M.A., F.S.A.

*York.*—John Von Sonnentag de Havilland, Esq., F.S.A.

*Richmond.*—H. Harington Molyneux-Seel Esq.

*Windsor.*—W. H. Weldon, Esq.

*Somerset.*—Stephen J. Tucker, Esq.

## PURSUIVANTS.

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*Portcullis*.—Arthur S. Larken, Esq.

*Rouge Dragon*.—Alfred Scott Gatty, Esq.

*Rouge Croix*.—Henry Farnham Burke, Esq.

*Earl Marshal's Secretary*.—Robert Wallace, Esq.

*Registrar*.—H. Murray Lane, Esq.

## LYON COURT, SCOTLAND.

NEW GENERAL REGISTER HOUSE, EDINBURGH.

*Lyon King of Arms*.—George Burnett, Esq., Advocate.

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| <i>Heralds.</i> | { | Wm. R. Montignani, <i>Snowdon</i> . |
|                 | { | Henry Wilson, <i>Islay</i> .        |
|                 | { | James W. Mitchell, <i>Rothsay</i> . |

*Lyon Clerk & Keeper of Records*.—James Lorimer, Advocate.

*Lyon Clerk Depute*.—Robert Riddle Stodart.

## OFFICE OF ARMS, IRELAND.

RECORD TOWER, DUBLIN CASTLE.

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| <i>Ulster King of Arms and Keeper of the State Papers.</i> | { | Sir I. Bernard Burke, C.B., LL.D., |
|                                                            | { | M.R.I.A.                           |

*Dublin Herald*.—Sheffield Betham, Esq.

*Athlone Pursuivant*.—Capt. Robert Smith.

*Private Secretary to Ulster King of Arms*.—J. Glascott, Esq.

## THE ROYAL GEOGRAPHICAL SOCIETY,

SAVILE ROW, LONDON, W.

(*In its relation with our Public Schools.*)

Prize Medals were instituted in 1868, by this important Society, to be competed for at the chief Public Schools, and to be awarded annually; and a limited number of schools are specially invited to compete for them. The medals were formerly gold and bronze, but the second medal is now of silver instead of bronze. The subjects of examination are Physical Geography and Political Geography; two papers being set in each, one general, and one on some particular country or region, changed every year.

With regard to the medals offered by the Society to the chief public schools, eleven schools have sent candidates this year, seven schools sending eleven candidates in physical geography, and four schools sending six candidates in political geography. Forty-eight public schools were invited to send candidates, and this year there was one school less than in the previous year. No silver (second) medal has been awarded this year in political geography. Dulwich College, which sent two medallists, has gained at least one every year since 1875.

The medallists in physical geography—Mr. Thomas Rose, gold medallist, and Mr. S. W. Carruthers, silver medallist, both of Dulwich College; and

in political geography, Mr. S. C. Farlow, gold medallist, of Harrow School—were presented by General Sir Henry Lefroy. Lord Aberdare, the president, in presenting the medals, remarked that since 1875 Dulwich schoolmen had taken fifteen medals.

The Examinations are held at the various Schools, and the prizes are presented at the anniversary meeting of the Society.

*Patron.*—Her Majesty the Queen.

*Vice-Patron.*—H.R.H. the Prince of Wales, K.G., K.A., K.P., G.C.B., &c.

*President.*—The Right Hon. Lord Aberdare, P.C.

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*Assistant-Secretary.*—H. W. Bates, Esq., F.R.S.



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LAND.

675. THE LONDON SCHOOL BOARD.





*Price—2s. 6d. ; By Post, 3d. extra.*

# ELLIS'S IRISH EDUCATION DIRECTORY

## FOR 1884.

Editor and Proprietor :

WM. EDWARD ELLIS, B.A., LL.B. (Dubl.), Barrister-at-Law,  
Chief Clerk to the Intermediate Education Board for Ireland.

Publishers :

LONDON : SIMPKIN, MARSHALL, & Co.,

DUBLIN : M. H. GILL & SON, Upper Sackville Street.

This very excellent handbook, the third annual issue of which will appear at the beginning of 1884, has already received a large amount of patronage in England as well as in Ireland.

It gives most reliable information, in a concise and attractive form, with regard to all Educational agencies at work in Ireland,—from the Universities and Professional Schools down to Primary Schools, and including the Institutions established for the Education of Women.

The able and experienced Editor of “Whitaker’s Almanac,” who is perhaps the very best judge of a compilation of the kind, in a letter to the Editor of Ellis’s Irish Education Directory, says :—

*“I have looked into your Education Directory with a good deal of interest. It is one of the very best books of the kind : carefully and conscientiously edited by one who is evidently master of its subject.”*

Every one engaged in Educational Work or who wishes to have a key to the Irish Educational system should have a copy of this work.

Orders for Advertisements in the book will be received by—

**William Edward Ellis, LL.B.,**

**EDITOR AND PROPRIETOR,**

9, SYDENHAM ROAD, DUNDRUM,  
CO. DUBLIN.

## IRISH INTERMEDIATE EDUCATION.

INTERMEDIATE EDUCATION BOARD FOR  
IRELAND.

OFFICES: 1, HUME STREET, DUBLIN.

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Arthur Hill Curtis, Esq., LL.D., D.Sc.

T. J. Bellingham Brady, Esq., LL.D.

The subject of "Irish Intermediate Education" occupied the public mind in Ireland for some considerable time, and the voice of its requirements has been at last heard above the din of agrarian turmoil and sectarian agitation, by the steady and determined attitude of the middle class of the Irish nation, which was thoroughly responded to by the late Government, in framing in the early part of 1878, and passing into law (August 16th, 1878), "the Irish Intermediate Education Act."

The term "Irish Intermediate Education" is on the face of it somewhat vague; it seems to imply a system of education (not of fixed Schools), occupying a platform between the Universities and Primary Schools, a sort of debatable ground between the former two regions, an ill-defined territory, the inhabitants of which could not well see their way to push the limits upwards (in dread, no doubt, of trenching upon the vested interests of others), nor, on the other hand, to tread downwards, as a sort of *amour propre* feeling forbade the latter course. However, to borrow a bold, but perhaps perverted metaphor, the cause of "Irish Intermediate Education" could scarcely be described as having life enough left to fall into a "place where two seas met." Matters were in this plight when the late Government, in August, 1878, passed the now justly celebrated "Irish Intermediate Education Bill;" the all-but unanimous support of which in both Houses of Parliament proved that the sense of the combined Legislature of the United Kingdom recognized in the measure a gift of "justice to Ireland," in the broad and true meaning of the term. The late Government, so often charged with the dangerous craze of riding hobbies in a highly aggressive style, over the pet corns of foreign potentates, nevertheless found time in the face of most heavy continental troubles to cast an eye upon the educational wants of that considerable section of the Irish people who were practically excluded from any share in the existing organisations for middle class education. The late Government had special difficulties in dealing with this proposed Educational Scheme. On the one hand there were those who would oppose any system which required Roman Catholics to attend at institutions not under the control of their Church authorities, while on the other many would resent any attempt at the concurrent endow-

ment of a new set of colleges and schools and the establishment of a regular system of denominational education. The late Government clearly foresaw these difficulties, and they managed, between a sort of "Scylla and Charybdis" to steer the "Intermediate Education" bark into safety by the cautious rule of "*In medio tutissimus ibis.*" Having now briefly referred to the preliminary difficulties attending a scheme of Irish "Intermediate Education," we wish to inform our readers that up to the passing of the Intermediate Education Act the educational requirements were met only by the following scholastic systems, two in number:—

I. By the High-class Royal Schools (six in number), by the four "Erasmus Smith" Grammar Schools, Midleton College, by the steadily advancing schools of the Incorporated Society, by some minor Endowed Schools, and by some totally unendowed Schools, some of the latter frequently competing for high University distinctions, upon equal terms with their richly endowed relatives.

Of late years also many institutions have been established by the teaching orders of the Roman Catholic Church, which institutions, as well as the Diocesan seminaries of that church throughout the country, in the recent contests under the Intermediate Education Board and the Royal University, have shown that they possess very high teaching powers, and that their teaching extends over every department of a modern liberal education.

In none of the endowed institutions, however, was any provision made for the higher education of girls. The Alexandra College in Dublin, established in 1866, under most influential patronage, but without any State or public aid, and served by most distinguished professors, may be regarded as the only attempt of any public kind made towards improving female higher education until the passing of the Intermediate Education Act. See vol. ii.

II. Under this head we find the "Primary Schools," chiefly under the "National School" State-aid system, receiving about 700,000*l.* per annum from the Imperial Exchequer; here we have a network of Primary Schools spread over the length and breadth of the land, some vested in the "National Education" Board, the majority "non-vested," but all receiving "State aid" more or less. This system has worked admirably, and its Schools are to be found as well upon the lonely mountain-side and in the deep secluded valley, as in the busy town or thriving village. Of course these Primary Schools cannot be expected to impart what is called "Intermediate Education," and no rewards are held out to National School teachers under the Intermediate Education system. An examination of the published results will, however, show that, notwithstanding this drawback, many pupils of National Schools have passed most creditably at the Intermediate examinations. The Irish middle classes, with that insatiable craving for learning so characteristic of the Irish people from the remotest times, (indeed, during the dark ages Ireland kept the lamp of learning burning brightly amid the all but universal gloom,) hailed with great and general delight the prospect of "Intermediate Education," offered by an Act which, although open to corrections, and imperfect in some of its details, seems nevertheless based upon principles of generosity and justice. As the object of the "Irish Intermediate Education Act" has been already

stated, we shall now give a brief sketch of the way, first, in which it is worked, and secondly, of the results which have already accrued from its working. We may premise that the main principle of the Act is essentially "non-sectarian."

I. The machinery for working the Act and the *modus operandi* is as follows:—

- A. A staff of eminent Examiners, selected from the Universities and principal Colleges of the United Kingdom. Out of a list of names prepared annually by the Board, a sufficient number are selected, with the approval of the Irish Lord-Lieutenant, to conduct each annual examination.
- B. A numerous staff of "centre superintendents," whose special business lies in taking charge of the sealed packets of Examination papers sent them by the Intermediate Education Commissioners, opening said packets and distributing them to the Candidates at the several Examination centres. These the Candidates answer to a certain number, not a name, and must, previous to presenting themselves, have subscribed to certain necessarily stringent rules laid down by the Commissioners.

The centre superintendents are bound to remain in their respective Examination Halls the whole time of the Examinations, and the Examinations last from 10 o'clock a.m. to 1 o'clock p.m., and from 3 o'clock p.m. to 6 o'clock p.m. Having thus given a brief, and it is to be feared a somewhat imperfect sketch of the mode of working out the arrangements of the "Irish Intermediate Education" system, we shall give an outline of the results that have already accrued from the Examinations held under the Act in June 1882.

Of 5,153 boys and 1,461 girls who presented themselves for examination in June 1882, the following were successful:—

I. In gaining Exhibitions and money prizes:—

- (a) 90 boys and 32 girls gained 15*l.* a year for three years in the Junior Grade (*i.e.*, for those under 16).
- (b) 28 boys and 12 girls gained 25*l.* a year for two years in the Middle Grade (*i.e.*, for those under 17).
- (c) 11 boys and 5 girls gained money prizes of 40*l.* in the Senior Grade (*i.e.*, for those under 18).

II. In obtaining prizes in books:—

- (a) 584 boys obtained prizes in books, value in the aggregate 1001*l.*, and
- (b) 186 girls obtained prizes in books, value in the aggregate 366*l.*

III. In passing the Examination (these figures include the Exhibitioners and prize winners above detailed):—

- (a) 2,186 boys and 685 girls in the Junior Grade.
- (b) 568 boys and 236 girls in the Middle Grade.
- (c) 229 boys and 96 girls in the Senior Grade.

Total, 2983 boys and 1017 girls.

The English public can judge from the foregoing facts what a great educational stimulus this "Intermediate Education" Act has given to the Irish middle classes, by offering and giving so liberally such a large number of substantial prizes to every creed and party.

A political, or rather a sectarian, objection has been brought against this Irish "Intermediate Education" Act, viz., that it diverted one million of money of the "Irish Church" surplus to carry out the programme of this Act, some saying the scheme was pretty similar to that of "robbing Peter to pay Paul;" but an educational scheme which offers such signal advantages to the Irish middle classes—out of merely a million of the capitalised value of Church funds—should not for a moment be called an act of spoliation, as the advantages are offered on equal terms to all candidates.

The results of the examinations were, however, a complete surprise to many, for they disclosed an educational power amongst the Roman Catholic institutions which few even of their own friends could have expected from them.

To conclude these remarks about this Irish "Intermediate Education" Act. A leading feature of the scheme is its recognition of the efforts of teachers engaged in the work of "Intermediate Education" under the Act. Prizes are awarded to the teachers according to the quantity and quality of their pupils' successes; these prizes are called Teachers' "Result Fees," and they have already proved, and doubtless will continue to prove, a strong encouragement to Teachers, and thus it is only reasonable to conclude that this twofold system of encouragement—viz., both to pupils and teachers—must in the long run greatly raise the standard of "Intermediate Education" in Ireland. In writing these remarks, we are not influenced by any particular bias. Indeed, we care not whether this Irish "Intermediate Educational" Scheme were evolved out of the "internal consciousness" of some sombre, strait-laced "Conservative," or by some cautious, forecasting, constitutional "Whig," or whether it were forged in the glowing furnace of some fiery Radical, or concocted in the fertile brain of some "Chameleon," "Protean," time-serving politician: we simply hail the "Irish Intermediate Act," as an act of real justice to Ireland, and amidst the loud din of electioneering struggles, and the convulsive efforts of rival politicians, we wish the Irish Intermediate Education Act all success.

The Intermediate Education Board for Ireland was established to promote intermediate secular education in Ireland by (1) instituting and carrying on a system of public examination of studies; (2) by providing for payment of prizes and exhibitions, and for giving certificates to students; (3) by providing for payment of managers of schools complying with prescribed conditions of fees dependent on results of public examinations; (4) generally by applying the funds placed at the disposal of the Board for purposes of the Act as hereby directed, provided no examination be held in any subject of religious instruction, nor any payment made in respect thereof. The examinations extend over a course of three years, and are held in accordance with rules of which the following is a summary:—The examinations in three grades according to the students' ages are held usually at the end of June, at convenient centres, and in the following subjects: Ancient Language, Literature, and History of Greece; ditto of Rome; Language, Literature, and History of Great Britain and Ireland; ditto of France, Germany, and Italy, or any one of them, either separately or together, with Celtic Language and Literature; Mathematics, including Arithmetic and Bookkeeping; Natural Sciences; any other subjects of secular education as the Board may from time to time prescribe. Programme of examinations, in-



cluding a list of authors in which the literary part of examination consists, is annually published by the Board. The list of examiners will be published every year, before January 1. Students of first year's course shall be under 16 on June 1st in the year in which he first presents himself for examination. Every student desiring to be examined in any year shall in April send to the Board notice of his intention, with certificate of his age; the fee for such notice is 2s. 6d. Before admitting any student to an examination, the Board shall satisfy itself that during the twelve months immediately preceding the examination he has actually studied in Ireland. The prizes and exhibitions are alluded to in the introductory article, and such prizes and exhibitions are awarded to students highest in order of merit in general examination list of the whole country in each year. Result fees are paid to heads of schools for students who, having attended their schools from November 1st of the year previous to that of examination, and having made at least 100 attendances from that date to the last day of the month preceding the examination, may pass the examination. Results fees will be paid at rates not exceeding—junior grade, 1s. 3d. per 100 marks assigned to subject or section; middle grade, 1s. 6d. per 100 marks assigned to subject or section; senior grade, 1s. 9d. per 100 marks assigned to subject or section; provided that in the case of any one student there shall not in one year be paid, in the aggregate, in the junior grade, a results fee greater than 3*l.* 10s.; in the middle grade, a results fee greater than 4*l.*; or in the senior grade, a results fee greater than 5*l.*



## IRISH INTERMEDIATE COLLEGES AND SCHOOLS.



### THE ROYAL SCHOOLS.

There are seven of the Schools which are designated "Royal Schools." Five were founded by King Charles I., in 1627, viz., Armagh, Cavan, Dungannon, Enniskillen, and Raphoe, and the remaining two, viz., Banagher and Carysfort, were founded in 1629.

The following Schools in Ireland will be found in Part VIII., in topographical order.

ARMAGH, ROYAL SCHOOL. Head Master, Rev. W. Moore Morgan, LL.D.  
 BANAGHER, ROYAL SCHOOL. Head Master, P. King Joyce, B.A.  
 CAVAN, ROYAL SCHOOL. Head Master, Rev. W. P. Moore, M.A.  
 DUNGANNON, ROYAL SCHOOL. Head Master, Rev. F. H. Ringwood, LL.D.  
 ENNISKILLEN, PORTORA ROYAL SCHOOL. Head Master, Rev. W. Steele, D.D.  
 RAPHOE, ROYAL SCHOOL. Head Master, Rev. J. A. Weir, LL.D.

## DIOCESAN SCHOOLS.

These were the earliest Academical Institutions in Ireland, and were intended to meet the educational wants of the middle classes; they were founded in the reign of Queen Elizabeth, and were maintained by contributions levied off the incomes of the clergy of the late Established Church. When the Church of Ireland was disestablished in 1869 the Diocesan School system was practically discontinued, for the Act enabled the schoolmasters to commute their salaries, and retire from their work, a privilege which was availed of by nearly all the schoolmasters. Of 14, which were in existence in 1869, only 2 (in addition to Foyle College) are now in existence under the old foundation. The Diocesan School at Waterford has been re-established under the patronage of the Bishop of Cashel.

BALLYMENA, DIOCESAN SCHOOL OF ARMAGH AND CONNOR (*Co. Antrim*). Head Master, Rev. Robert King, A.B.

SLIGO, DIOCESAN SCHOOL. Head Master, W. C. Eades, M.A.

## ERASMUS SMITH'S SCHOOLS.

These Schools were founded by Erasmus Smith, who in 1659 was an alderman of the City of London, and charters were granted in the reign of King Charles II., to the Grammar Schools at Drogheda, Ennis, Galway, and Tipperary. The High School, Dublin, was founded in 1869. These Schools will be found fully described in topographical order in Part VIII.

DROGHEDA, GRAMMAR SCHOOL. Head Master, Rev. F. S. Aldhouse, M.A.

DUBLIN, THE HIGH SCHOOL. Head Master, W. Wilkins, M.A.

DUBLIN, BRUNSWICK STREET SCHOOL. Head Master, George Porte.

ENNIS (*Co. Clare*), ENNIS COLLEGE. Head Master, R. H. Flynn, LL.D.

GALWAY, GRAMMAR SCHOOL. Head Master, Richard Biggs, M.A., LL.D.

TIPPERARY, GRAMMAR SCHOOL. Head Master, Rev. W. B. Lindesay, LL.D.

## INCORPORATED SOCIETY'S SCHOOLS.

ATHLONE, RANELAGH SCHOOL. Head Master, R. Baile, M.A.

DUNDALK, EDUCATIONAL INSTITUTION. Head Master, Rev. J. Turner.

KILKENNY, POCOKE COLLEGE. Head Master, J. B. Brown.

MULLINGAR, FARRA SCHOOL. Head Master, T. C. Foster, B.A.

SANTRY, SANTRY SCHOOL. Head Master, W. J. McClelland, B.A.

SLIGO, PRIMROSE GRANGE SCHOOL. Head Master, W. A. Shekleton.

## OTHER INTERMEDIATE SCHOOLS.

- AUGHNACLOY, INTERMEDIATE SCHOOL. Head Master, Chs. Maturin, B.A.  
 BALLINA, INTERMEDIATE SCHOOL. Head Master, A. B. Hamilton, M.A.  
 BALLYJAMESDUFF, INTERMEDIATE SCHOOL. Head Master, John Brady.  
 BALLYMONEY, INTERMEDIATE SCHOOL. Head Master, vacant.  
 BALLYNAHINCH, INTERMEDIATE SCHOOL. Head Master, O. Lunnebach.  
 BALLYROAN, ENDOWED SCHOOL. Head Master, J. B. Lyon, T.C.D.  
 BANBRIDGE, INTERMEDIATE SCHOOL. Head Master, Rev. H. J. Cooke, B.A.  
 BELFAST, THE ACADEMY. Head Master, W. F. Collier, LL.D.  
 BELFAST, METHODIST COLLEGE. Head Master, H. R. Parker, LL.D.  
 BELFAST, ROYAL ACADEMICAL INSTITUTION. Secretary, Adam Duffin, LL.D.  
 CARRICKMACROSS (*Co. Monaghan*), INTERMEDIATE SCHOOL. Head-Master, George Dixon, B.A.  
 CASTLEKNOCK, MORGAN'S ENDOWED SCHOOL. Head Master, A. Murphy.  
 CLONMEL, ENDOWED SCHOOL. Head Master, M. Le B. Kennedy, M.A.  
 COLERAINE, ACADEMICAL INSTITUTION. Head Master, T. G. Houston, M.A.  
 DUBLIN, WESLEY COLLEGE. Principal, Rev. T. A. McKee, D.D. Head Master, M. McIntosh, LL.D.  
 DUNDALK, ENDOWED GRAMMAR SCHOOL. Head Master, G. W. Johnson.  
 FERMOY, FERMOY COLLEGE. Head Master, Rev. John Lowndes, M.A.  
 HOLYWOOD, SULLIVAN UPPER SCHOOL. Principal, W. P. Steen, M.A.  
 KILKENNY, KILKENNY COLLEGE. Head Master, J. M. Weir, M.A.  
 LISMORE, S. OSWALD'S COLLEGE. Head Master, A. A. Honey, B.A.  
 LONDONDERRY, ACADEMICAL INSTITUTION. Head Masters, John C. Dick, M.A., and John Young, M.A.  
 LONDONDERRY, FOYLE COLLEGE. Head Master, Maurice C. Hime, M.A., LL.D.  
 LURGAN, LURGAN SCHOOL. Head Master, W. T. Kirkpatrick, M.A.  
 MIDLETON (*Co. Cork*), MIDLETON COLLEGE. Head Master, A. A. Burd, M.A.  
 NAVAN, NAVAN COLLEGE. Head Master, Rev. J. B. Keene, M.A.  
 PORTARLINGTON SCHOOL. Head Master, Rev. J. Berry, M.A., M.C.P.  
 RATHFARNHAM (*Co. Dublin*), COLLEGE OF ST. COLUMBA. Warden, Rev. Robert Rice, M.A.  
 SKIBBEREEN, INTERMEDIATE SCHOOL. Head Master, E. L. Hogan.

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 ROMAN CATHOLIC COLLEGES AND SCHOOLS.

- ARMAGH, ST. PATRICK'S COLLEGE. President, Rev. P. Boyle, C.M.  
 BALLINASLOE, ST. MICHAEL'S COLLEGE. President, Rev. J. R. Molony D.D.

- BANDON, ST. BROGAN'S ACADEMY. President, Rev. Canon McSwiney, P.P.  
 BELFAST, ST. MALACHY'S COLLEGE. President, Rev. H. Henry.  
 BLACKROCK (*Dublin*), FRENCH COLLEGE. President, Rev. P. Huvetys.  
 CASTLEKNOCK, ST. VINCENT'S COLLEGE. President, Rev. M. O'Callaghan.  
 CORK, ST. FINN BARR'S SEMINARY. President, Rev. Canon Coghlan.  
 DUBLIN, CARMELITE SEMINARY. President, Rev. T. Bartley, O.C.C.  
 „ CATHOLIC UNIVERSITY SCHOOL. President, Rev. J. Letterier.  
 „ ST. FRANCIS XAVIER'S COLLEGE. President, Rev. E. Donovan,  
   S.J.  
 „ ST. GALL'S CATHOLIC UNIVERSITY SCHOOL. President, Rev.  
   J. Egan.  
 DUNDALK, ST. MARY'S COLLEGE. President, Rev. P. Grew.  
 DUNGARVAN, ST. AUGUSTINE'S SEMINARY. President, Rev. W. P.  
   Dundon, O.S.A.  
 ENNIS, DIOCESAN COLLEGE. President, Rev. M. Culligan.  
 FERMOY, ST. COLMAN'S COLLEGE. President, Rev. W. Hulch, D.D.  
 GALWAY, ST. IGNATIUS COLLEGE. President, Rev. T. Kenny, S.J.  
 KILKENNY, ST. KIERAN'S COLLEGE. President, Rev. P. Murphy.  
 KILLARNEY, ST. BRENDAN'S SEMINARY. President, Rev. D. O'Leary.  
 LETTERKENNY, DIOCESAN SEMINARY. President, Rev. E. Maguire.  
 LIMERICK, SACRED HEART COLLEGE. President, Rev. W. Ronan, S.J.  
 LISTOWEL, ST. MICHAEL'S COLLEGE. President, Rev. D. R. Harrington.  
 LONDONDERRY, ST. COLUMB'S COLLEGE. President, Rev. J. Hassan, D.D.  
 MONAGHAN, ST. MACARTEN'S SEMINARY. President, Rev. P. McGlone.  
 NAAS, CLONGOWE'S WOOD COLLEGE. President, Rev. E. Kelly, S.J.  
 NAVAN, ST. FINIAN'S SEMINARY. President, Rev. J. Higgins, D.D.  
 SLIGO, THE COLLEGE. President, Rev. J. Lyster.  
 TENEMORE, CARMELITE COLLEGE. President, Rev. P. McDonnell, O.C.C.  
 TUAM, ST. JARLATH'S COLLEGE. President, Rev. P. Kilkenny.  
 TULLAMORE, ST. STANISLAUS' COLLEGE. President, Rev. A. Sturze, S.J.  
 WEXFORD, ST. PETER'S COLLEGE. President, Rev. M. Kavanagh.

We glean from the report of the Commissioners appointed by the Lord-Lieutenant of Ireland to inquire into the endowments, funds, and actual condition of all schools endowed for the purposes of education in Ireland, the following "conclusions":—

"The inactivity of 'The Commissioners of Education,'\* and the inadequacy of their powers, have continued to cause the inefficiency of that Board, and tended to confirm 'its failure as an institution for the promotion of education.' In this and other instances the selection, as the *ex-officio* managers of endowments, of dignitaries and officials whose time and attention are otherwise occupied, has tended to preclude that active

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\* These Commissioners have the control of the Royal and other Endowed Schools, and are not to be confounded either with the Intermediate Education Commissioners or the Commissioners of National Education.

personal exertion and interest, and that sense of individual responsibility on the part of the members of a governing body, which are necessary to secure efficiency.

“ Since the passing of the Irish Church Act, 1869, the resources of the educational societies and of the independent schools connected with the Church of Ireland have generally diminished, and many of the primary Church schools have in consequence been brought into the system of national education. Where this step has not been taken, these schools have generally deteriorated.

“ A growing tendency has been manifested, especially by the members of the Church of Ireland, to place primary schools, possessing endowments or aided by voluntary contributions, in connection with the National Board, retaining the patronage or management in private hands. The schools so placed have generally benefited by the change, but have remained practically denominational. We met but very few instances of ‘ non-exclusive ’ Endowed Schools where the attendance of children of one denomination did not largely preponderate; and, owing to the objections of Roman Catholics to ‘ mixed education,’ and to the mode in which the majority of the ‘ non-exclusive ’ endowed schools were managed, we found that the benefits of such schools were usually enjoyed by Protestant children, and that the management of their endowments had generally passed into Protestant hands.

“ While the course of discipline and instruction in the larger grammar schools is in most cases satisfactory, and much sound and careful teaching is given in the schools of every class, many of the smaller local endowments (especially for higher education) have proved inadequate, and have failed to effectuate the intentions of the founders. With few exceptions, the teaching of natural and experimental sciences and of modern languages has been comparatively neglected; the schools are in general insufficiently furnished, and imperfectly supplied with libraries and the appliances required for special instruction and for recreation. The want of more extensive provision for practical and technical training, and of an education adapted to prepare pupils for commercial life and other pursuits not calling for classical study, has been much felt.”

The Commission from whose report the above is extracted included the Earl of Rosse, Lord Randolph S. Churchill, and Lord Justice Fitzgibbon.





## OUR AGRICULTURAL COLLEGES.

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On the subject of European Agricultural Schools we learn from the report of the Commissioners of Education that Austria supports no less than seventy Schools of Agriculture, with 2,200 students, besides 174 Agricultural Evening Schools, with 5,500 students. In contrast with this, Italy has three Agricultural Colleges and High Schools. Ireland is the only part of the United Kingdom that has a regular system of agricultural education. There are 115 of the National Schools that have a farm attached, and form National Agricultural Farm Schools. There are, besides, sixteen National Model Agricultural Schools, with Model Farms attached. The Albert Institute at Glasnevin is the National Agricultural College of Ireland. France has forty-three Farm Schools, with about thirty or forty pupils at each. The Government pays the board of each pupil, and allows him 70 fr. a year for clothing. There are also three Departmental Schools of Agriculture, and a National Agricultural Institute (now in Paris). Germany has at present over 150 Schools of Agriculture, Horticulture, Arboriculture, viniculture, etc. Each of these has Farms, Gardens, etc., attached. The first experimental Agricultural Station was established in 1852, and in 1877 their number was fifty-five. Each of these is devoted to some special line of research.

Mr. Henry Tanner recently called public attention to the present neglected state of Agricultural Education in England. He states that "it has long been a reproach to us as a people that we are so much in the rear of other countries in providing facilities for the technical education of the great majority of those who are about to enter upon the occupation and management of land. It is true that we have two very good Agricultural Colleges in England, which are very well suited for the education of the more wealthy class, but these colleges are absolutely beyond the reach of the children of the great bulk of the tenant-farmers of this kingdom.

An effort has been made by the Council of the Institute of Agriculture to correct this difficulty, and friendly help which has been given to them has enabled them to supply the deficiency, so far at least as the London centre is concerned. Here, then, the work will be re-commenced on the 1st of October next, and a regular and fairly complete course of about 280 lectures will be given, extending up to the 3rd of May, 1884.

The lecturers, about twenty in number, are all well known in the Agricultural world as very eminent experts in their respective section of work, while the lecture fees will be so very moderate that the entire series may be attended for the sum of 14*l*.

The objects aimed at by the Council were thorough efficiency and experience on the part of the lecturers, and, on the other hand, small fees, which should not keep back the sons of tenant-farmers, or any others who may desire a moderate expenditure. The entire course of study may be regarded as calculated to give that intelligent knowledge of the surrounding conditions which influence agricultural practices which will make the subsequent learning of the business of farming more than usually complete.

No institution has more cordially aided the Council than the College

of Agriculture at Downton, near Salisbury, for no fewer than three members of the staff (Professor J. Wrightson, the president, Professors Fream and Sheldon) have richly assisted in the work of the current session, and have thereby helped to prepare some of the students of the institute for learning the application of science to actual farm practice.

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## ROYAL AGRICULTURAL SOCIETY,

12, HANOVER SQUARE, LONDON, W.

*President.*—J. D. Dent, Esq.

### SOCIETY'S EDUCATION PRIZES.

Senior Examinations take place at the Society's House, usually in April, when a form of entry, duly filled up, with a Certificate of general education, must be first sent in to the Secretary. Candidates are required to satisfy Examiners in the following subjects:—Science (chemical) and practice of Agriculture, in Book-Keeping, and also in one or two of the following subjects:—Land-Surveying and Mechanics as applied to Agriculture. Any candidate may offer himself for examination in one or more of the following optional subjects:—Botany, Geology, or Anatomy, and any knowledge he may show of these will be counted to his credit. Each candidate obtaining a First Class Certificate will thereby become a Life Member of the Society.

The Prizes in the first class are 25*l.*, 15*l.*, 10*l.*, and 5*l.*, in addition to which Certificates will be granted to candidates placed in the first and second class.

### JUNIOR SCHOLARSHIPS.

Ten Scholarships of 20*l.* each are offered annually in November on condition that the scholar remains at school until the end of the summer term in the following year, or spends the ensuing year with a practical Agriculturalist, to be approved by the Educational Committee, or at an Agricultural College, or both. Candidates must be between 14 and 18, and must satisfy the Committee of their fitness to compete. Entries must be made by the 1st October in each year.

Annual Examinations are held simultaneously in November at such schools as have candidates, and at the Society's Rooms. The Scholarships will be awarded to boys in the highest order of merit. The subjects are: (1) Land-Surveying, (2) Elementary Mechanics as applied to Agriculture, (3) Chemistry as applied to Agriculture, (4) Principles of Agriculture, especially with reference to rotation of crops, nutrition of plants and animals, and mechanical cultivation of soil.

*Secretary.*—H. M. Jenkins.

# THE INSTITUTE OF AGRICULTURE

FOR THE

PROMOTION OF AGRICULTURAL EDUCATION,

SOUTH KENSINGTON, LONDON, S.W.

## *Patrons.*

His Grace the Duke of Westminster, K.G.

The Right Hon. the Earl of Aberdeen.

The Right Hon. Lord Aberdare.

Sir John Lubbock, Bart., M.P.

## *Council.*

The Right Hon. the Earl of Aberdeen, and 25 Members.

This Institute has been established for the purpose of advancing Technical Instruction upon various sections of Agricultural Practice, and especially for bringing these advantages within the reach of the children of tenant farmers, and others, who are now precluded from such advantages by reason of the expenses which are at present associated with education of this character.

Evening Lectures on Agricultural Science are delivered in the Lecture Theatre in South Kensington Museum, and are open to Members of the Institute and their friends. Lectures embrace the following branches:—Farm seeds and their adulterations; Conditions influencing Land Drainage; Bees, in relation to flowering plants and fruit production; Natural and Artificial Grasses, variations in form and quality; Dairy Management; Some of the changes which Nitrogenous matter undergoes within the soil; Farm Crops, their habits and requirements; Insect injuries to Farm Crops, and their prevention; An Examination of the preceding Evening Lectures; Report and Public Distribution of the Certificates of Merit.

Technical Lectures are delivered in the same Lecture Theatre, and the course of Instruction on Poultry Management is given by W. B. Tegetmeier, Esq., F.Z.S., and will extend from March to April, the Examination for Certificates of Merit taking place in April. The Lectures are illustrated by living and dead specimens, exhibition of appliances, diagrams, and demonstrations. Syllabus of Lectures:—The Origin of Domesticated Fowls—their history and habits. Food of wild species. General Structure of Fowls in relation to Practical Management—digestive organs, crop, gizzard, liver, etc. Egg-producing Organs—ovary, oviduct. Muscular System—flesh. Production of Eggs—structure of eggs, yolk, albumen, membranes, shell. Variation of fertility in different breeds; increased fertility, how secured. Description and Exhibition of the most important Non-Sitting and Sitting Varieties, as Spanish, Hamburgs, French, Dorking, Game, Asiatic Breeds, etc. Management of the Sitting Hen—nests, hatching. Management and Food of Chicken—proper and improper kinds of food, modes of feeding. Coops—their use and abuse, tethering hens. Diseases of Chicken—gapes, cramp, etc. Necessity for Fresh Ground for Chicken. Poultry Houses—enclosures and appliances. Incubators and Artificial Hatching—ancient: Egyptian, Chinese; modern: Cantelo's incubator, eccaleobion; recent manufactures, French and English. Artificial Mothers. Turkey Mothers. Poultry for Table and Market—present system

of supply. Ideal poultry farms; France, England. Breeds for Table. Exhibition and description of the most useful pure and cross Breeds—relative advantages of each. Methods of Fattening—food, coops, cramming, Killing—various modes. Plucking. Capons and Poulardes. Turkeys, Guinea Fowls, Ducks, Geese, Pigeons—their origin, varieties, hatching, rearing, food, general management, and value for the table. Fee for the Course, 1 guinea.

The course of Instruction on Dairy Management is by Professor J. P. Sheldon, and other Experts.

Examinations for Certificates of Merit takes place in April. Syllabus of Lectures:—The growing importance of Dairying and Stock-Raising.—The different Breeds of Dairy Cattle and their Special Qualities.—The importance of careful Breeding, and the objects to be kept in view.—The Treatment and Feeding of Milch-Cows.—The Influence of Breed and of Food on the Yield and the Quality of Milk.—The Question of Ensilage.—Milking, its use and abuse: Hand and Machine Milking.—The Treatment of Milk in the Dairy.—The Dairy, its Construction, its Temperature, its various Utensils.—The Raising of Cream on the various Ancient and Modern Systems.—The Management of Cream apart from the Milk.—Making, Washing, Salting, and Packing the Butter.—The various faults and shortcomings of ordinary Dairy work in Butter Making.—Artificial Butter and Cheese.—The Management of Milking.—Cheese-making.—Rennet, and its action in Coagulation.—Acidity, its use and abuse.—Packing, Grinding, and Salting the Curd.—The Ripening of the Cheese in the Curing Rooms, and its Marketing afterwards.—The different Systems of English, American, and Continental Cheese-making.—The question of adopting in England some of the Continental methods of making Soft Cheese.—Cheese and Butter-making *v.* the Milk Trade. The Chemistry of Milk.—Milk Testing.—The Principles influencing the Growth of Food for Dairy Purposes. Fee for the Course, 1 guinea.

The course of Instruction on Bee Management is by F. Cheshire, Esq., and extends from April to May. The Examination for Certificates of Merit takes place in May. The course is well illustrated by large diagrams, models, and microscopic preparations. The operations described are actually performed with hives of living Bees. Syllabus of Lectures:—The Bee as an Insect.—Outline of the Economy of the Hive.—The Substances gathered by the Bee, and their Uses.—The relation of Bees to Flowering Plants.—Hives, their Early History.—Straw Hives, Fixed Combs.—Movable Comb System.—Examination of Hives.—General Principles involved in manipulation.—Queen Bees, Workers, Fertile Workers, Drones.—Natural Swarming.—Driving and Transferring.—Artificial Swarming.—Raising and Inserting Queens.—Lamp Nurseries.—Species and Varieties of Bees.—Treatment of Swarms and Stocks.—Foundation; its history, method of manufacture, mode of use.—Honey, its Chemical Composition and Value as Food; Methods of judging Adulteration.—Foreign Honey.—Foreign Apiaries.—Supering and Harvesting.—The Extractor.—Wax, its Treatment.—Food and Feeding, Feeders.—Wintering Bees.—Diseases.—The reason of the high Profits attainable by modern management. Fee for the Course, 1 guinea.

MEMBERSHIP.—A Subscription of 1 guinea per annum entitles a person to the rights of Membership of the Institute of Agriculture—including free admission to the Evening Lectures for self and friend, together with a free copy of any memoirs or proceedings published by the Institute. Life

Tickets are issued on payment of 10 guineas. Students who have secured Advanced Certificates for the Principles of Agriculture, under the Government Department of Science, are entitled to the rights of Membership, on payment of half-a-guinea per annum.

*Director of Educational Arrangements.*—Professor H. Tanner, M.R.A.C., F.C.S., and ten Professors and Lecturers.

*Secretary.*—John Algernon Clarke, Esq.

*Hon. Secretaries of the Ladies Committee.*—Miss Thorne, Miss May Thorne, Southover Grange, Lewes, Sussex.

## ROYAL AGRICULTURAL COLLEGE, CIRENCESTER.

Incorporated by Royal Charter, A.D. 1845.

*Patron.*—His Royal Highness the Prince of Wales, K.G.

*President.*—His Grace the Duke of Richmond and Gordon, K.G., and a large Committee of Management.

This institution, which is the chief seat of higher Agricultural Education in this country, was founded in 1845, under the patronage of the late Prince Consort, and a large number of noblemen and gentlemen interested in agriculture. A Royal Charter was granted, incorporating the College for "Encouraging and Supporting the Study of Agriculture." The Prince of Wales is the present Patron, the late Duke of Marlborough was the President. The College is situated about a mile from the town of Cirencester, on the flank of the Cotswolds; it adjoins the noble Oakley Park, the seat of Lord Bathurst, and is a stately Gothic building situated in the midst of the College farm. It includes a chapel, dining hall, library, reading-rooms, museums, lecture-theatre, laboratory, class-rooms, studies, and private rooms; and in close proximity are a botanic garden, veterinary hospital, forges, and workshops. The College farm completely surrounds the College, and contains about 500 acres, of which 450 are arable; about twenty acres being exclusively reserved for agricultural experiments. "Practice with Science" is the adopted motto of the Society. The staff of instructors includes Professors of Agriculture and Estate Management, Agricultural Law, General and Agricultural Chemistry, Natural History, Mathematics and Physics, Land Surveying and Engineering, Veterinary Science, and Building, besides practical instruction in field work, carpentry, wheelwright work, forge work, and saddlery. Provision is also made for athletic exercise and recreation. There are a gymnasium, five courts, tennis court, and cricket and football grounds. The College course extends over at least two years, after which Students are admitted to the final examination for the diploma which the College by its charter is authorised to confer. The students comprise young men from all parts of the world, those from Great Britain being usually the sons of landed gentlemen and professional men, who desire to qualify themselves either for the duties of country gentlemen or as land agents, or for the colonies. Several officers of the Indian army have, from time to time, spent their furlough there, with a view of qualifying themselves for forest and agricultural appointments in India.

In addition, however, to affording a thoroughly scientific and practical



education for agricultural pursuits, and the professions of Surveyors, Estate Agents, etc., the College offers to its Students many of the general advantages (educational and social) of a University Course, with an excellent training in Natural Science, and a special preparation for the duties of Country Gentlemen in the management of their Landed Estates.

### COLONIAL PREPARATION.

The Workshops, Museum, Veterinary Hospital, etc., together with the Lectures on Colonial Agriculture, Colonial Surveying and Engineering, Building Materials and Construction, and the rest of the College Course in the Lecture Room and on the Farm, afford an exceptionally valuable training for intending Colonists.

### ADMISSION AND REMOVAL OF STUDENTS.

Students are admitted, and begin the College Courses, every Session, either as In-Students or Out-Students.

In-Students, as a rule, are required to be eighteen years of age. A few, however, are admitted on probation, and subject to somewhat stricter discipline, at the age of seventeen.

Out-Students, except in special cases, are required to be twenty-one years of age, and may be of any greater age, and either married or unmarried. They attend any or all of the courses of Lectures at their discretion.

**DURATION OF COURSE.**—The ordinary College course extends over two years or six Sessions, but for the Diploma over seven Sessions.

There are three Sessions in the year—Spring, Summer, and Winter—each of about twelve weeks' duration, commencing near the 28th of January, the 28th of May, and the 6th of October, respectively.

**FEES.**—Per annum, to be paid each Term, in proportion, in advance. In-Students, 135*l.*, or 45*l.* per Term; Out-Students, 75*l.*, or 25*l.* per Term. A limited number of furnished Private Rooms in the College is reserved for Students, and for which there is an extra charge of Ten Guineas per Term. The Fees include all College charges except Laundress (1*l.* per Term) and Damages.

### SCHOLARSHIPS AND PRIZES.

Six Scholarships, three of 25*l.*, and three of 10*l.*, will be awarded annually, viz., two every Term of 25*l.* and 10*l.* respectively, according to the results of the Weekly and Sessional Examinations. These Scholarships are open to all Students of not more than six Terms' standing, who are proceeding to the Diploma. A very successful Student may thus obtain as much as 75*l.* per annum.

Six Scholarships, each of 200*l.* a year, created by the Government of Bengal, two annually, and tenable for 2½ years, are open to certain native Indian Graduates of the University of Calcutta.

More than two hundred Prizes are awarded annually.

For the Practical Work, prizes of Silver Medals or Books are given in the Winter Session for Farm Valuation, and for Ploughing; in the Spring Session for Horse-shoeing, and Shepherding; in the Summer Session for Sheepshearing, and for Farm Excursion Reports; and terminally for Lathe, Carpentry, and Wheelwright Work, Smith Work, and Saddlery and Harness Work; also of Books in the respective classes, as passed, for Farm Journal and Cultivation Book, etc., Chemical and Biological

Laboratory Journals, etc., Veterinary Hospital Journal, Natural History Collections and Reports, Survey Plots, etc.

Three Gold Medals are annually awarded, the *Ducie* every April, the *Holland* every August, and the *Haygarth* every Christmas.

*Principal*.—The Rev. John B. M'Clellan, M.A., Double-First-Classman in Honours, and late Fellow of Trinity College, Cambridge.

#### PROFESSORS AND INSTRUCTORS.

*Agriculture*.—Professor John Scott; Russell Swanwick, Esq.; Mr. Rutherford; Mr. Jas. Dickson.

*Practical Instructor in Horticulture*.—H. Miller, Head Gardener.

*Chemistry (General and Agricultural)*.—Professor E. Kinch. *Assistants*.—Mr. C. Rawson, F.C.S.; Mr. W. James.

*Geology, Botany, and Zoology*.—Professor Allen Harker.

*Mathematics and Physics*.—Professor H. Ohm, M.A.

*Land-Surveying and Engineering*.—Professor A. R. Carrington.

*Veterinary Medicine and Surgery*.—Professor J. A. M'Bride, Ph.D., M.R.C.V.S.

*Book-Keeping*.—Professor A. R. Carrington.

*Agricultural Law*.—Professor W. M. Fawcett.

*Building Materials and Construction*.—Professor F. W. Waller, of Gloucester, Architect.

*Estate Management*.—Professor T. J. Elliot, M.R.A.C.

*Architectural and Mechanical Drawing*.—Mr. James Miller, Art Master.

*Lathe Work*.—Thos. Kay.

*Carpentry and Wheelwright Work*.—Chas. Limon.

*Smith Work and Shoeing*.—Sergt. Terry.

*Saddlery and Harness*.—Geo. Mills.

### COLLEGE OF AGRICULTURE.

#### DOWNTON, NEAR SALISBURY.

This College, although only established in 1880, already takes high rank as a School of Agriculture. The farm constitutes a most important feature as an integral part of the College, all the live stock and implements belonging to it, the Students are required to enter fully into all the details of working the farm, which is 550 acres in extent, to keep a record of all the monetary transactions on both sides of the ledger, and to be present at the annual valuation in October. The College, therefore, offers to each Student all the advantages of a private pupil under a Farmer combined with the highest collegiate instruction in the sciences on which the Art of Agriculture is based.

The College is governed by a Council consisting of the President and ordinary members.

The object of the College is to afford sound and practical instruction in Agricultural Subjects, so as to qualify the Students to occupy the positions of Landowners, Land Agents, Farmers, Surveyors, and Colonists.

The College, which is in South Hants, is two miles from Downton in South Wilts, where there is a station on the Salisbury and Dorchester

branch of the London and South-Western Railway. It is pleasantly situated in the midst of gardens and orchards, and is about a quarter of a mile from the River Avon, and commands views of the confines of the New Forest. The building at present affords accommodation for about forty In-Students, and is provided with a commodious dining-hall, common-room, lecture-rooms, library, and other offices.

#### THE LABORATORIES.

The Chemical Laboratory is large, airy, and fitted with the newest appliances. Students have here the opportunity of studying Analytical and Agricultural Chemistry and researches on subjects of general agricultural interest.

The Physiological Laboratory is devoted to experimental courses of instruction on the structure and functions of animals and plants. The practical Anatomy of farm animals is also studied here.

#### ADMISSION.

Each Student is required to have entered upon his eighteenth year, to find references as to general conduct, and to fill up the necessary form of admission. Gentlemen above twenty-one years of age are received as Out-Students. Excellent lodgings may be obtained in the neighbouring village of Downton.

#### TERMS AND VACATIONS.

There are three Terms and as many Vacations in the year. The charge for the entire year is 12*l.* for In-students, and 6*l.* for Out-students. These charges include, for In-students, board, lodging (with separate sleeping apartment), tuition, and laundry, but not books, apparatus, instruments, breakages, and subjects for dissection. A fee of 1*l.* 1*s.* per Term is charged for the Chemical Laboratory.

#### INSTRUCTION.

Instruction is imparted by Lectures, Field Classes, Practical Work, and Catechetical Lectures; and the results of the teaching are tested by weekly examinations, conducted on the Farm, in the Laboratories, and by means of printed papers. Each Student is expected to keep a Farm Journal, and these books are inspected and reported upon at regular intervals.

#### SUBJECTS.

These include Agriculture, and Dairy and Pastoral Farming; Estate Management, Land Agency, and Forestry; Mensuration, Land-Surveying, and Architectural Drawing; Book-keeping and Commercial Knowledge; Physics and Mechanics; Chemistry; Geology and Mineralogy; Botany and Vegetable Physiology; Zoology, including Entomology; Anatomy and Physiology; Veterinary Surgery. The lectures and classes are so arranged that in the complete two years' course the Student has laid before him everything necessary to enable him, if industrious, to pass the examinations of the Royal Agricultural Society of England, of the Highland and Agricultural Society, and of the Institution of Surveyors.

#### SCHOLARSHIPS, CERTIFICATES, AND PRIZES.

At the end of each Session a Scholarship of the value of 10*l.* is offered for competition amongst the Students who at that time complete their first year of Study at the College.

At the end of each Session examinations are held in the various subjects which have been studied, and prizes awarded.

By permission of the Council the Professors are also at liberty to offer Special Prizes in their various departments.

#### THE CERTIFICATE OF MEMBERSHIP.

This Certificate is granted by the Council at the end of a two years' course to all Students who, having passed the preliminary examinations, also satisfy the Board of Examiners as to their proficiency in the Theory and Practice of Agriculture. The examinations for this Certificate are held at the close of the Winter and Summer Sessions.

The Certificate of Proficiency in Practical Agriculture and other Certificates are granted to such Students as do not compete for the Certificate of Membership, but who nevertheless acquire a sound knowledge of practical farming, supplemented by a fair general knowledge of the sciences on which the art of agriculture is based.

#### RECREATION.

The College Athletic Club undertakes the promotion of all outdoor games and sports, including boating, cricket, lawn tennis, and football. The boat-house is within three minutes' walk of the College, and the River Avon is much frequented by the Students for boating, bathing, and fishing. A debating society, glee class, and other indoor attractions are supported in the winter months.

*President.*—Professor Wrightson.

#### COUNCIL.

Professor Wrightson.  
Professor W. Fream.  
Professor J. Woodroffe Hill.

Professor J. P. Sheldon.  
Professor C. E. Curtis.  
Professor J. M. H. Munro.

#### PROFESSORS AND LECTURERS.

*Agriculture.*—John Wrightson, F.C.S., M.R.A.C.

*Assistant.*—R. B. Hulton.

*Dairy Farming.*—J. P. Sheldon.

*Chemistry.*—J. M. H. Munro, D.Sc. Lond., F.C.S.

*Natural History.*—W. Fream, B.Sc. Lond., F.L.S., F.G.S.

*Estate Management.*—C. E. Curtis.

*Veterinary Medicine.*—J. Woodroffe Hill, F.R.C.V.S.

*Building Construction and Drawing.*—J. Harris.

#### EXAMINERS IN PRACTICAL AGRICULTURE.

Mr. William Ashcroft.  
Mr. Finlay Dun.  
Mr. John Ridley.

Mr. T. Chapman Saunders.  
Mr. E. P. Squarey.  
Mr. Wm. Stratton.



# GLASGOW AGRICULTURAL COLLEGE,

83 AND 85, BUCCLEUCH STREET.

This College is affiliated to the Glasgow Lectures, and Demonstrations are given in the Class-rooms and Laboratories of the Veterinary College, and in some cases by the teachers of that College. The instruction embraces all the important subjects bearing on agriculture, and a completion of the full course qualifies for the Diploma of the Highland and Agricultural Society, and the Certificate of the Royal Agricultural Society of England. A shorter course, embracing the syllabus of the Science and Art Department, will be given, or students may select any single class they may desire. In farm work students have the opportunity of taking part in all kinds of work in progress at the farm, which is 460 acres in extent, under the superintendence of a Professor of Agriculture and a farm overseer.

The Fees are—Science and Practice of Agriculture, 4*l.* 4*s.*; Practical Work on Farm Surveying and Farm Accounts, 2*l.* 2*s.*; General and Agricultural Chemistry, 2*l.* 2*s.*; Natural History, 2*l.* 2*s.*; Botany, 1*l.* 1*s.*

*Principal.*—Professor M'Call, F.R.C.V.S.

*Science and Practice of Agriculture.*—Professor M'Connell.

*Practical Work at Farm Surveying and Farm Accounts.*—Professor M'Connell.

*Botany.*—Professor Cooke, F.C.S.

*Natural History.*—Professor Young, M.D.

*Vet., Medical and Surgical.*—Professor M'Call.





## OUR TRAINING INSTITUTIONS FOR TEACHERS.

*These Schools are placed topographically, similar to the order in which the Endowed and Private and Roman Catholic Schools are arranged, and those Institutions referring to the training of girls and women are arranged in a similar manner in Vol. II.*

There is a yearly examination in religious knowledge of pupils of Training Colleges, conducted by experienced clergymen appointed under a board consisting of three members, one appointed by the two Archbishops, one by the National Society, and one by the principals of Training Colleges. The results of the past year show that 963 masters were examined, of whom only three in the second year were totally unsuccessful, none of the first year students failing. Of the masters of the first year, 92 succeeded in obtaining a first class, while of the second year 53 masters were in the first class.



### NATIONAL SOCIETY'S TRAINING COLLEGE FOR SCHOOLMASTERS,

BATTERSEA, S. W.

The Battersea Training College was founded in the year 1840, by Sir James P. Kay Shuttleworth, Bart., and Edward Carleton Tufnell, Esq., for the purpose of preparing young men to become Schoolmasters. Towards the close of 1843 it was transferred to "The National Society for the Education of the Poor in the principles of the Established Church," in whose hands it has since remained.

Candidates for admission are allowed to present themselves for examination subject to the following conditions : viz., that they (1) intend *bonâ fide* to adopt and follow the profession of Teacher in Elementary Schools ; (2) having been Pupil Teachers, have successfully completed their apprenticeship ; (3) not having been Pupil Teachers, will be more than eighteen years of age on January 1st next following the date of the Examination.

This article will also apply to pupil teachers whose period of apprenticeship may have been determined (1) without discredit to themselves, and (2) for reasons approved by the Education Department.

The examination of candidates is held annually at each Training College. It commences at 10 a.m. on the first Tuesday after the 2nd of July. In the *final* selection of candidates for admission, the Principal is mainly guided by their testimonials, *physique*, qualifications, and position on the Scholarship list.

Candidates for admission must produce satisfactory testimonials from their clergy, certifying as to conduct and character ; and such candidates as have been pupil teachers must produce testimonials from their school-

masters also, certifying as to practical skill in teaching, attention to studies, demeanour and general fitness for the office of teacher. A grave responsibility is incurred by the Principal in recommending students to take the charge of young children, and it is therefore of the highest importance that no one should be admitted into the College whose habits and character disqualify him for the office of Schoolmaster.

Each candidate for admission will be required to forward to the College a certificate of health, signed by some properly qualified medical man. A form for this purpose will be sent to each candidate before the July Examination.

Each candidate must be prepared to sign, on admission, the following declaration :—" I desire to become a Student for two years in the Battersea Training College, on the conditions contained in this prospectus, and with the understanding that I am to follow the profession of a Church Teacher in Elementary Schools ; and I engage to conform in all respects to the rules of the College, and at the end of my training to accept a School under Government inspection, and to do my utmost to obtain my Certificate from the Council Office at the earliest possible period."

Those Queen's Scholars who are selected for admission into the College are charged an entrance fee of 10*l*. Candidates who do not pass the Queen's Scholarship Examination are not admitted under any circumstances. No payment is charged for board, lodging, washing, medical attendance, or education. Books necessary for the prescribed course of study are sold to Students at about half the published price.

Candidates are admitted into the College in the January following the examination.

The syllabus of subjects for examination will be found in the New Code. It is co-extensive with the subjects required in the course of a pupil teacher's apprenticeship. Additional marks may be obtained for Language, Science, and Drawing. A copy of the questions set at the last Government Examination may be obtained from Messrs. Longman, price 6*d*. Timely notice of the date of the examination will be sent to each candidate.

There are two long vacations, one beginning about the first week of July, and lasting till the middle of August ; the other beginning about the third week in December, and lasting till the fourth week in January. During these vacations the College is entirely closed. Usually there is also a recess of a week or ten days at Easter, during which Students residing at a distance have the option of remaining at the College.

Weekly examinations are held throughout the year, the results of which are registered. Prizes are awarded to those Students who have the highest aggregate of marks in each subject.

Students are prepared for the examinations in connection with the Science and Art Department, South Kensington. At the examinations in May 1877, 184 Science Certificates were gained, 81 of which were of the advanced stage. After the examinations in November and December, 56 Students had completed their Full Drawing Certificates.

Students are expected to rise at six o'clock in the morning, the first Lecture commencing at a quarter to seven.

Divine Service is celebrated in the College Chapel at nine in the morning and half-past nine in the evening. Students attend both services.

Students go to bed immediately after evening service.

There are three meals in the course of the day ; viz., breakfast at eight, dinner at one, tea at half-past six.

One hour is spent daily in drill exercise or garden work.

The Students are expected to spend a certain portion of each year in the Practising School for the purpose of learning the practical part of their profession. Great importance is attached to the Normal Master's Report on their industry and ability, both by H.M. Inspector in assigning marks for teaching, and by the Principal in making appointments to Schools.

Students are not allowed to leave the College without special permission, except on Wednesday afternoons, from twelve to six in winter, and from twelve to seven in the summer, from three to six all the year round on Saturday afternoon, and on Sunday afternoon from three to half-past five.

There are in the College two organs, one pianoforte, and four harmoniums, on all of which the Students practise, the times and length of practice being determined by the Organist.

The Students are formed into a Volunteer Corps. Membership is optional, and entails no expense. Drill takes place regularly in the College grounds, and, as often as the College arrangements permit, the Students attend Battalion Drill.

The College does not pledge itself to find situations for out-going Students, but no difficulty is found in obtaining appointments for such Students as conduct themselves satisfactorily, and avail themselves of the various opportunities for improvement which the College offers.

*Secretary to the Council.*—The Rev. J. Duncan, M.A., National Society's Office, Sanctuary, Westminster.

*Principal.*—The Rev. Evan Daniel, M.A.

*Vice-Principal.*—Mr. Edwin Hammonds.

## S. MARK'S TRAINING COLLEGE, CHELSEA.

S. Mark's College is an institution for the education and training of School-masters, and was established in 1840, by the National Society. Instruction to about 120 male Students, so that they may become teachers in Church of England Schools. The age of admission ranges from eighteen to twenty-one years complete. A candidate whose years exceed or fall short of these limits can only be received by special agreement. The time of admission is at the end of the second or third week in January. Application should be made nine months previously. Before a pupil can be received, a written application must be made on his behalf to the Principal by some responsible person, accompanied by a certificate or other satisfactory proof of baptism, and a *recommendation* from a clergyman or other responsible person (to be countersigned by a clergyman), who is requested to state as particularly as possible *the grounds on which it is given*, as well for the satisfaction of the authorities of the College as to prevent disappointment and needless expense on the part of the candidate and his friends. Good moral character, amiability, truthfulness, and diligence are indispensable requisites. These who successfully pass the Government Entrance Examination may be received as Students on payment of an entrance fee of 10*l*. No other payment will be required from them during their two years' residence. There are 3 Exhibitions of 10*l*. each, founded by the late

Samuel Wood, Esq. (brother to Lord Halifax), open to natives of the old Deanery of Doncaster, or to those whose parents have resided in the Deanery for 5 years.

*Principal*.—The Rev. Canon J. G. Cromwell, M.A.

Assisted by a staff of Tutors.

## BRITISH AND FOREIGN SCHOOL SOCIETY.

Under the Especial Patronage of Her Most Gracious Majesty  
Queen Victoria.

*Vice-Patronesses.* { The Countess Russell.  
                              { The Lady Ashburton.

*President*.—The Right Hon. Lord Mount-Temple, 15, Great Stanhope Street, W., and 20 Vice-Presidents.

This excellent Institution, founded in 1817, maintains a school on an extensive scale, to educate children, and it supports and trains up young persons of both sexes for supplying properly instructed teachers to the inhabitants of such places in the British dominions, at home and abroad, as shall be desirous of establishing schools on the British system. Five training colleges are now existing, and are more particularly referred to in Vol. I. and Vol. II. under Training Colleges. These Schools and Colleges are under the direct control of the Committee of this Society, and are the following:—Borough Road Training Colleges and Schools; Practising Schools at Belvedere Place; Stockwell Training Colleges and Practising Schools; Darlington Training College; Swansea Training College; Kindergarten College and Practising School; Herold's School, Bermondsey; Rowlatt's School, Corby; Sturge's School, Northfleet; Hermitage School, Birkenhead. It instructs all persons, whether natives or foreigners, who may be sent from time to time for the purpose of being qualified as teachers in this or any other country.

*Treasurer*.—Joseph G. Barclay, Esq.

*Secretary*.—Mr. Alfred Bourne, B.A.

*Assistant Secretary*.—Mr. W. Prydderch Williams.

## BOROUGH ROAD TRAINING COLLEGE AND SCHOOLS.

Under the British and Foreign School Society five Training Colleges have been established. Those for females appear in Vol. II. 120 young men are received as Resident Students, with practising schols for 400 boys.

*Principal*.—J. C. Curtis, B.A.

*Secretary*.—Mr. Alfred Bourne, British and Foreign School Society's House, Borough Road, London, S.E.

## BANGOR NORMAL COLLEGE.

For the training of teachers for British Schools in Wales.

Thirty teachers are sent out every year, and are all immediately placed in schools.

The Institution is under the government of a Committee, consisting of forty-eight members, elected by the subscribers.

Every donor of 10*l.* or upwards, and every annual subscriber of 1*l.* or upwards, are eligible for election.

Every donor of 5*l.* or upwards, and every annual subscriber of 10*s.* or upwards, are entitled each to a vote.

*Principal.*—Rev. Daniel Rowlands, M.A.

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## NATIONAL SOCIETY'S TRAINING COLLEGE FOR SOUTH WALES & MONMOUTHSHIRE, CARMARTHEN.

This College was established in 1848, and it trains and maintains, for 2 years, young men over seventeen years of age, and who pass the Government Examination in July of each year, on payment of an entrance fee of 10*l.* Candidates for admission are expected to read English Prose with propriety; to spell correctly from dictation; to write a good hand; to be well acquainted with the outlines of Scripture History, and with the Catechism and Liturgy of the English Church; and to show considerable readiness in working the fundamental rules of Arithmetic. Candidates are also examined in the grammatical construction of sentences, in History and Geography, and in the rudiments of Mathematical Science. A knowledge of Vocal or Instrumental Music is always a strong recommendation to a candidate. Science Classes in Animal Physiology, Physical Geography, Mechanics, etc., are held at the College in connection with the Science and Art Department. About 60 students are here at a time. Vacations, 12 weeks in the year.

*Principal.*—C. Gilbert Browne, B.A., London University.

*Vice-Principal.*—J. H. Oldroyd, B.A.

Assisted by three resident and one non-resident Master.

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## NORTH WALES TRAINING COLLEGE, CARNARVON.

In this College young men are trained to be Masters of National Schools. If students pass at the annual examination by the Government Inspector, they are admitted as Queen's Scholars without entrance fee. They subsequently pay 10*s.* a quarter "caution money," which is returned to them, with 6*l.* added, on their obtaining their certificate. As Queen's Scholars, they are maintained and educated gratis for 2 years. The other Students also reside within the College.

*Principal.*—The Rev. J. S. Boucher, M.A.

With assistant Masters.



## TRAINING COLLEGE FOR SCHOOLMASTERS, CHELTENHAM.

This College was established in 1847, for the education of 90 young men, from eighteen years of age, who are admitted after passing an Entrance Examination held annually in December. Has a few Exhibitions, tenable for one year, in the College, of 5*l.* each. Vacations, 12 weeks.

*Principal.*—The Rev. R. M. Chamney, M.A.

*Vice-Principal.*—E. W. Brereton, M.A.

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## OXFORD DIOCESAN TRAINING COLLEGE, CULHAM,

OXFORDSHIRE, NEAR ABINGDON.

This College was established in 1852, to train Masters for Church of England Schools. Three-fourths of expenses are defrayed by the Committee of Council on Education, and the rest from private contributions. Entrance after examination. Those passing the Government "Queen's Scholarship Examination," who pledge themselves to complete two years' training, and to stay two years continuously in one School under Government inspection, are charged 10*l.* 10*s.* per ann., and no other fees are required of them. Private students in training for Schoolmasters pay 50*l.* per ann. The College contains about 80 students, from eighteen years upwards. There are several Exhibitions open to the competition of the students.

*Principal.*—The Rev. Henry Lewis, M.A.

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## THE COLLEGE, CHESTER.

In addition to training Students as Schoolmasters, pupils are also prepared for the Universities, for Civil Service, Military, Professional, and other Examinations, at the rate of 14*l.* to 17*l.* per term for board and education. 3 terms to the year. The education at this School is of the most sound and practical character, fitting pupils for any position in life.

*Principal.*—The Rev. J. M. Critchley, LL.D

With resident assistant Masters.

## DIOCESAN TRAINING COLLEGE FOR MASTERS, DURHAM.

The object of the Training College is to prepare young men to become the Masters of Elementary Schools for the children of the labouring classes; and their training lasts for two years, of which each year is closed with an Examination conducted by one of Her Majesty's Inspectors of Schools.

Residence is commenced in the month of January—usually about the last Monday—according to the arrangements of the Committee of Privy Council on Education, and an Entrance Examination is held in the preceding July, embracing the following subjects:—Holy Scripture, the Prayer Book, and the Catechism; English Grammar and Composition; the Outlines of English History; Geography, especially of the British Empire; School Management and Music; Arithmetic and Mensuration; Algebra and Euclid, Books i. and ii.

Questions are also set in Latin, French, Greek, and German; but these are not absolutely essential.

The Examination in Religious Knowledge is conducted by the College authorities, and is held as soon as the Government Examination in secular subjects is concluded. It consists of one paper containing questions on the Old Testament, the Gospels, the Order for Morning and Evening Prayer, the Litany and Catechism. A prize of 3*l.* is given by the Society for Promoting Christian Knowledge, and 1*l.* by the Durham Diocesan Society, to every candidate who obtains a first class in this subject.

Successful candidates sign an agreement to reside for the full course of two years, and to become teachers in schools under Government Inspection; and they are admitted on payment of 5*l.* at the time of admission, and 5*l.* in December following.

At the conclusion of their training the Students are recommended to Elementary Schools, a due regard being had to their conduct, their attainments, and their practical skill as teachers. It ought, however, to be added that no Student receives a recommendation unless the authorities are satisfied that he is fitted—not only as to ability, but also as to character—for the responsible office of a schoolmaster.

Candidates for admission should be communicants of the Church of England, of not less than eighteen years of age, and should accompany their applications by (1) Testimonials as to character from the clergyman of the parish; (2) Certificate of baptism; (3) Certificate of health from a surgeon.

*Principal.*—The Rev. S. B. Smith, M.A., Oxon.

*Vice-Principal.*—Rev. A. Watts.

*Tutor.*—Mr. A. Currie.

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## PETERBOROUGH, S. PETER'S.

*Principal.*—The Rev. Charles Daymond, M.A.

## DIOCESAN TRAINING COLLEGE, EXETER.

This College was established in 1840. Endowment, 100*l.* Young men from eighteen years old are trained to be Schoolmasters in the Elementary Schools of the Church of England. The College is supported by Government grants, by payments of pupils, and by annual subscriptions. There are two classes of students: Queen's Scholars, or those who, whether they have been pupil teachers or not, pass the Competitive Examination of candidates for admission, held annually in the month of December by the Committee of Council on Education; and Private Students, or those who decline, or fail in, or are preparing for the Examination for admission, but who desire to be trained as Schoolmasters for one year or longer. Queen's Scholars are admitted without payment, the cost of their board and education being borne by the Government on their fulfilment of certain conditions. Private Students pay 23*l.* per ann. The period of training is, for Queen's Scholars, two years; for Private Students, one year or longer, as may be agreed on or be deemed advisable. Vacations at Midsummer and Christmas, of from 5 to 6 weeks each.

*Principal.*—The Rev. J. G. Dangar, M.A., S. John's College, Oxford.  
With six assistant Masters.

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## WORCESTER, LICHFIELD, AND HEREFORD TRAINING COLLEGE, SALTLEY, NEAR BIRMINGHAM.

This College was opened in 1852. It derives three-fourths of its income from Government grants. Instruction is given to 100 young men from eighteen years upwards, who, having passed a Government Admission Examination (held annually in July), are maintained free and prepared for School Teaching. Application for admission should be made to the Principal, accompanied by testimonials to good character, health, and aptitude for teaching. Each candidate pays an admission fee of 12*l.* 10*s.*, and declares his *bonâ fide* intention of becoming a teacher. Scholarships are tenable for two years. Vacations, 13 weeks.

*Principal.*—Rev. F. W. Burbidge, M.A.  
Aided by three resident and five non-resident Lecturers.

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## TRINITY COLLEGE, WINCHESTER.

This College was founded in 1840 as a Government Training College, and the course of education consists of the usual curriculum observed Training Colleges. About 56 Students attend, and are admitted after passing Queen's Scholarship Examinations and completing apprenticeship as pupil teachers. The examinations are in July for entrance and in December for certificates. A fuller account will be given in the next edition.

*Principal.*—The Rev. H. Martin, M.A.  
*Vice-Principal.*—The Rev. J. Hayworth B.A.  
With three assistant Masters.

## THE YORK DIOCESAN TRAINING COLLEGE, YORK.

At this College, Students are trained for teaching in Parochial Schools, and it is under Government inspection. In the College there are about seventy Students, who, being eighteen years of age, are admitted after an Examination commencing on the Tuesday after the 2nd July in each year. Each Student pays 5*l.* in advance per annum, and must reside two years (receiving both maintenance and instruction). Attached is the York Model School (Middle Class) for day-boys, and the York Practising School, an Elementary School in which the Students practise the art of teaching.

*Principal.*—The Rev. G. W. de C. Baldwin, M.A.

Assisted by a Vice-Principal and several assistant Masters.

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## CHURCH OF SCOTLAND TRAINING COLLEGES.

The Church of Scotland has three Training Colleges; these are situated in Edinburgh, Glasgow, and Aberdeen. Those in Edinburgh and Glasgow are double Colleges; that is to say, they train both Masters and Mistresses. Aberdeen is for female Students only. Accordingly, the number of single Training Colleges may be set down as five.

The Students at present in training in these Colleges are distributed thus: Edinburgh, 83; Glasgow, 83.

The course of training extends over two years, and none are admitted as Students except those who have passed an Entrance Examination, conducted by the Scotch Education Department.

The male Students have also to undergo an examination in Latin.

The Students do not enter until they are eighteen years of age at least and are thus sufficiently advanced to make rapid progress under the direction and tuition of the Masters.

Among the subjects of instruction, the principles and practice of teaching have a prominent place assigned to them. The lectures of the rectors on methods of instruction and school-organisation are exemplified in the Elementary Schools, which form an integral part of the Training Colleges. In these Schools 2,100 children, from the age of four to fifteen, are in regular attendance.

Bursaries of the average value of 20*l.* per annum, in addition to free education, are given to all the male Students; a considerable number of Bursaries, of the average value of 9*l.*, are given to female Students. A fee of 3*l.* for education is exacted from female Students.

These Bursaries, as well as all other expenditure connected with the Training Colleges (including the Practising Schools), amounting in all to about 18,000*l.* a year, are paid by the Education Committee.

The Bursaries are now thrown open to all young persons, whether they have been Pupil Teachers or not, who are prepared to accept the instruction, and submit to the discipline of the School. Candidates who have not

been Pupil Teachers must be above eighteen years of age on 1st January, and send a certificate of their age.

From among those returned by the Privy Council as having passed the examination successfully, not fewer than forty male candidates will be selected by the Committee for admission to each Training College, and will receive (during the pleasure of the Committee) a bursary which will amount to 20*l.* The education is free to all those admitted.

All Students are required to pay annually 2*l.* each as a contribution to the Book Fund of the Training Colleges, in return for which all the books they require will be given to them by the Committee. This payment must be made by all, whether the books are taken or not.

*General Secretary and Superintendent.*—Professor Laurie, A.M., F.R.S.E.

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## EDINBURGH TRAINING COLLEGE,

JOHNSTON TERRACE.

For Male and Female Students.

*Rector.*—The Rev. James Currie, M.A., LL.D.

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## CHURCH OF SCOTLAND TRAINING COLLEGE, GLASGOW.

This College was established in 1837. 200 Students, 100 males and 100 females, are educated, as prescribed in the syllabus issued by the Scotch Education Department, and pupils are admitted at the age of eighteen; 50 Students as boarders. There are Bursaries of 25*l.*, 23*l.*, 15*l.*, and 12*l.*, tenable for two years. Examinations are held at Christmas. The practising Schools are attended by about 1,000 pupils.

*Principal.*—David Ross, M.A., B.Sc.

Assisted by eight Lecturers and Assistants.

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## ABERDEEN TRAINING COLLEGE,

GEORGE STREET.

For Female Students only.

*Rector.*—Joseph Ogilvie, M.A.

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## FREE CHURCH TRAINING COLLEGE,

MORAY HOUSE, EDINBURGH.

This College was established in 1843. Has no endowment. About 200 Students, male and female, are trained for teaching, paying 3 guineas a session, and provides elementary education for about 800 Scholars; very few free, the remainder pay 16s. to 30s. per ann. each. Latin, Greek, French, German, Mathematics, are charged for additional. There are Scholarships varying from 15*l.* to 24*l.* per ann. for Students tenable for 2 years. Vacations, 6 weeks. Pupils are admitted from five years of age and upwards, after passing an examination before the school authorities.

*Rector.*—Maurice Paterson, B.A.

*Head Master of School.*—Gilbert Graham.

Assisted by five Lecturers and ten other Teachers.

## SPECIAL TRAINING INSTITUTIONS.

Of these there are four, without reckoning those in the Principality at Bangor for 60 male students, and Swansea for 55 young women. The College at Bangor has always been under independent management, and been supported by its own constituency, though necessarily conducted on the parent Society's principles. It is prospering, and sending out 30 teachers annually. The College at Swansea ceased to be under the direct management of the Central Committee in January, 1876, at the commencement of its fifth year of existence. The premises are taken on lease, with the option of purchase at a fixed price within seven years, with a view to their being put in trust for the purposes of a locally managed Training College as long as the Society's principles are kept intact, the property to revert to the parent Society in case of their violation.

The four Colleges are the institutions at the Borough Road, Stockwell, and Darlington, which are connected with the Education Department, and the Kindergarten College at Stockwell, which receives no help from, and is in no sense under the control of, the Committee of Council.

## HOMERTON CONGREGATIONAL COLLEGE,

HOMERTON, E.

This College was founded in 1843, and provides training and maintenance for 50 Students who wish to become teachers in Public Elementary Schools, and who pay 10*l.* 10s. for the course of two years.

*Principal.*—E. Liddell.

## WESLEYAN TRAINING COLLEGE,

HORSEFERRY ROAD, WESTMINSTER.

For training Schoolmasters only.

This College was founded in 1851, and the education is in accordance with the syllabus or male Training Colleges issued by the Education Department. About 135 Students attend; the age for admittance is over eighteen.

Candidates who succeed in passing the Government Examination are called Queen's Scholars; from among these the Committee will select Students, who will be admitted to residence in the College on payment of an entrance fee of 8*l*. On these terms board, lodging, tuition, medical attendance, and an allowance for washing, are provided for two years. Necessary books and stationery, Students must themselves purchase; the cost will be from 20*s*. to 30*s*. per annum. They must also provide their own clothes and travelling expenses.

### *Exhibitions.*

No entrance fee will be charged to a candidate who obtains a place in No 1 or No. 2 upon the Scholarship Class List for England; and only one half the entrance fee will be charged to a candidate obtaining a place upon that list from No. 3 down to No. 10, inclusive.

If any vacancies remain in the College after admitting Queen's Scholars the Committee will consider applications for admission by special payment.

Vacations of six or seven weeks are given at Midsummer and Christmas.

*Principal.*—Rev. J. H. Rigg, D.D.

*Head Master.*—W. Sugden, B.A.

*Secretary.*—Rev. G. O. Bate.

## FINSBURY TRAINING COLLEGE,

THE SCHOOLS, COWPER STREET, CITY ROAD, E.C.

This College has been established to provide a sound practical training for those who intend to become masters in middle and higher schools. Amongst the promoters are the Earl of Morley, Lord Reay, the Dean of Westminster, Rev. W. Rogers, and others.

*Principal.*—H. Courthorpe Bowen, M.A.

## ROMAN CATHOLIC TRAINING COLLEGE,

BROOK GREEN, HAMMERSMITH, W.

This College was founded in 1854, and is intended to meet the requirements of the Privy Council Office for certificates of merit. About 70 Students attend, and are admitted at the age of eighteen, by passing the Queen's Scholarship Examination.

The examinations take place for admission in July, and in December for certificates. The Vacations are six weeks at Midsummer, and four weeks at Christmas.

*Master.*—The Rev. T. Graham, D.D., B.A., London.

And five assistant Masters.

## SCHOOLS FOR OUR DEAF AND DUMB.

## INTRODUCTORY REMARKS.

It is an error to suppose that the persons who are usually called "Deaf and Dumb" are naturally less intelligent than others. Those to whom this term is applied, have either been born deaf, or have, in infancy, through sickness or accident, lost the power of hearing. Although the vocal organs in most cases are perfect, they cannot be developed or trained in the ordinary way, and unless articulation be taught by artificial means, dumbness ensues.

The teaching of this afflicted class of persons was not generally attempted until comparatively modern times. We find the earliest successful efforts of intelligent men to perform a task which the wisdom of antiquity had looked upon as impossible were considered either as miracles or "scientific curiosities." It was not until the year 1760 that the zeal and philanthropy of a great and good man in Paris, the Abbé de l'Epée, aroused public attention to the necessities of the deaf and dumb, and the possibility of educating them. About the same time Samuel Heinicke in Germany practically demonstrated the possibility of teaching the same class generally by the system since called the oral method. The Institution, the name of which heads the list on p. 666, was founded by some benevolent gentlemen in 1792, for the benefit of the indigent deaf and dumb in this country, and has continued its sphere of usefulness to the present day. It was placed in the first instance under the management of Dr. Watson, a nephew of Mr. Thomas Braidwood, a gentleman who had carried on successfully a private school for the deaf and dumb in Edinburgh for some years previously, and which was the first in Britain.

According to the census of 1871, there were about 20,000 deaf mutes in the United Kingdom, a number which happily showed a decrease upon the returns of the former census. A considerable proportion receive no education, or only a scanty one, the means at the disposal of the charities which care for this branch of education not allowing them to make a full provision for the wants of all. The attention of Parliament is now being called to this subject, and as those high in social position have lately paid much attention to the deaf, it is hoped that the usefulness of the above and other similar institutions may be very greatly increased.

The Public Schools for the Deaf and Dumb are situated in the following towns, besides London and Margate, viz., Brighton, Exeter, Bristol, Birmingham, Liverpool, Manchester, Doncaster, Newcastle-on-Tyne, Swansea, Hull, Bath, Edinburgh, Llandaff, Glasgow, Dublin, and Belfast. The age at which children are received varies from four to sixteen years. Most of the pupils at these schools are on the foundation, but at some of them private pupils of the middle and higher classes are received, to whom the cost of education ranges from 25*l.* and upwards per annum.

A "Conference of Head Masters of Institutions and of other Workers for the Education of the Deaf and Dumb" was held in London in 1877, under the auspices of the Social Science Association. Mr. Richard Elliott, the Head Master of the Margate Branch, and also of the London Institution, was the promoter of this highly successful gathering, and acted as its Honorary Secretary. The Report is very interesting to those who desire to know the opinions of men qualified by long experience to speak with authority as to systems and methods of instruction.

There are three systems of instructing the deaf and dumb, viz., (1) the French, in which instruction is carried on by the agency of signs and the finger alphabet, without reference to speech; (2) the German or oral method, in which the finger alphabet is ignored, and instruction mainly conducted through the recognition of visible forms of speech on the lips of the teacher; and (3) the Combined, which, while taking a sober estimate of the capacities of the deaf mute, seeks to give him all the benefits which can be derived from both systems. The London Asylum has been conducted professedly upon the latter method, but is now experimenting on the oral system.

It may here be remarked that an extreme form of the German method, that technically called the "*purest*" form of the system, has lately been energetically pushed into prominence through the exertions of several enthusiastic gentlemen of high social position and the patronage of the leading journal. But its claims to be the system best suited to the needs of the deaf were severely criticised at the above-named Conference, and were allowed only by a small minority of those present. Most of the British Institutions, which have hitherto followed the French method, are now inclining towards the Combined. A course of lessons on articulation and lip reading has been drawn up by Mr. Richard Elliott, the Head Master of the Institutions for the Deaf and Dumb in London and Margate; the Council of which Society have decided upon publishing them, and it is considered that these books will be of immense help to teachers in schools for the deaf and dumb all over the kingdom.

A church for the Deaf and Dumb was opened in 1873, in Oxford Street, London, the foundation-stone of which had been laid, with a becoming ceremonial, by His Royal Highness the Prince of Wales, who on that occasion said: "By no class of our fellow-creatures, afflicted under the inscrutable dispensations of the Almighty, will the consolations of religion be more gratefully received than by those who will hereafter be assembled to have the great truths of the Gospel communicated to them within these walls." The Chaplain appointed was the Rev. Samuel Smith, a gentleman who had long zealously laboured for this afflicted class, and who has justly merited, and gained, their highest esteem. By the great facility with which he expounds the Scriptures in the finger and sign language, he has brought the blessings of religious instruction and consolation home to all. Lectures of the most instructive character are given weekly in the schoolroom of this church, and the Chaplain rapidly and clearly interprets the Lecturer's words, and the evident appreciation observable in the countenances of this "silent audience" is an undoubted proof of the amusement and instruction afforded to them.

As the late Rev. Samuel Smith, who was ordained on Trinity Sunday, 1860, by the late Archbishop of Canterbury (then Bishop of London), was the first clergyman of the Church of England specially destined for the ministry among the deaf and dumb in England, the author considers it a fitting duty to enter a slight but special record of this interesting event in the history of the deaf and dumb, followed as it has since been by the ordination of three other clergymen, two in London, and one in Manchester, and other nominations will doubtless continue to be made. The Reverend S. Smith also held the office of Secretary to the Royal Association in aid of the Deaf and Dumb, referred to more fully in another page; and at the annual meeting of this association in 1878, the Right Honourable Lord Richard Grosvenor, M.P., in the chair, Mr. Smith's eminent services were

explained in detail by G. L. Phipps Eyre, Esq., and in appreciation of which a testimonial in the form of a purse containing nearly 300 guineas was presented to him, accompanied by an illuminated address.

As before alluded to, until within the past forty years, the deaf mutes of the metropolis were practically without any organised system of education ; but now, thanks to the philanthropy of a few earnest men, not only is their mental improvement provided for, but rival societies compete for the honour of instructing them. At a recent congress held at Milan, the oral system was declared to be better suited for the education of the deaf and dumb than any other yet invented. Acting on that recommendation, the Asylum in the Old Kent Road, whose head-quarters are now at Margate, is about to subject the principle to an exhaustive test, and to offer facilities for the accommodation of an increased number of pupils under a fresh arrangement of teachers. London alone contains not fewer than two thousand deaf mutes, of whom, probably, two-thirds are sufferers from birth, while the remainder owe their affliction principally to the results of scarlet-fever, and to disturbance of the nervous system through fright while young. The late Reverend Samuel Smith, the Reverend Charles Rhind, and others have all laboured assiduously to improve the condition of these poor people, and now we hear of a deaf and dumb debating society, a drama performed by deaf mutes in the sign language, and of accomplished and successful painters and sculptors who can neither speak by word of mouth nor hear what is said to them. Without entering upon the vexed question of the value of our system above all others, we may, nevertheless, wish success to this as to every attempt of unselfish and benevolent men to brighten the hard lot of those unhappy creatures who, otherwise in the full possession of their faculties, are denied the inestimable blessings of sound and speech.

The chief Institution in the Kingdom is The Deaf and Dumb Institution, Old Kent Road, London, and at Margate (now the head-quarters) ; and the following are the names of the Head Masters of the principal Schools, with the number of pupils in each.

In the Old Kent Road and Margate Institution, deaf and dumb children are now received at the early age of seven, instead of eight and a half years, and the children are at once placed in classes conducted upon the pure oral system.

| Schools.                                             | No. | Head Master.       | Schools.                            | No. | Head Master.                 |
|------------------------------------------------------|-----|--------------------|-------------------------------------|-----|------------------------------|
| London :                                             |     |                    |                                     |     |                              |
| Institution for the Deaf and Dumb -                  | 147 | } Richard Elliott. | Doncaster - - - -                   | 114 | James Howard.                |
| London & Margate                                     | 141 |                    | Newcastle-on-Tyne                   | 86  | William Neill.               |
| Oral School - - -                                    | 65  |                    | Brighton - - - -                    | 94  | William Sleight.             |
| Jewish Home - - -                                    | 26  | Wm. van Praagh.    | Bristol - - - - -                   | 39  | William B. Smith.            |
| School Board                                         |     | S. Schontheil.     | Swansea - - - - -                   | 32  | Ben. H. Payne.               |
| Classes - - - - -                                    | 120 | Rev. Wm. Stainer.  | Edinburgh - - - -                   | 60  | James Bryden.                |
| College for training Teachers on the German Method - |     | Arthur A. Kinsey.  | Donaldson's Hos-<br>pital - - - - - | 115 | Alfred Large.                |
| Birmingham - - -                                     | 103 | Arthur Hopper.     | Glasgow - - - - -                   | 115 | John Thomson.                |
| Manchester - - - -                                   | 157 | Andrew Patterson.  | Dublin - - - - -                    | 55  | Edward W. Chidley.           |
| Liverpool - - - - -                                  | 84  | James Gibbs.       | Catholic School - -                 | 441 | The Christian Bro-<br>thers. |
| Exeter - - - - -                                     | 47  | John S. Hobbah.    | Belfast - - - - -                   | 95  | Rev. John King-<br>ham.      |



# ROYAL ASSOCIATION IN AID OF THE DEAF AND DUMB,

SAINT SAVIOUR'S, OXFORD STREET.

*Patron.*—Her Majesty the Queen.

*President.*—The Lord Bishop of London.

This Association was founded in 1841, and reorganised in 1854.

The object of this Society is to promote the spiritual and temporal welfare of the Deaf and Dumb, 1,800 of whom reside in London :—

1. By providing Special Services and Lectures, conducted in the finger and sign language, the only effective mode of publicly addressing the Deaf and Dumb, and providing them with religious and secular instruction after leaving school.
2. By visiting, instructing, and consoling the sick.
3. By placing the Deaf and Dumb in employment.
4. By assisting them in sickness and distress.

On the occasion of H.R.H. the Prince of Wales laying the first stone of St. Saviour's Church, he made an eloquent appeal on behalf of this afflicted class, and the Bishop of London, in a letter to the Chaplain and Secretary, said : "I have had many opportunities of observing the excellent work which your Association is doing among the Deaf and Dumb in London, and I hope that it may receive in my diocese the support it deserves."

Annual Subscriptions are received by the undersigned, and donors of 10*l.* 10*s.* and upwards are life members.

*Treasurer.*—J. T. Boileau, Major-General.

*Chaplain.*—Rev. Charles Rhind.

*Secretary.*—A. Bather, Esq.

## NATIONAL ASSOCIATION FOR THE EDUCATION OF DEAF AND DUMB CHILDREN OF THE POOR IN IRELAND, CLAREMONT, NEAR GLASNEVIN, DUBLIN.

*Office :* 8, Dawson Street.

This Institution was founded in 1816.

Subscribers of 10*s.*, or collectors of 1*l.* per annum are members ; a donor of 10 guineas, or a collector of 20*l.* in one year, and an executor paying 50*l.* legacy, become life members, and have three votes on each vacancy at all elections of indigent boarder pupils.

Donors of 50*l.* are guardians with five votes, and donors of 200*l.* have twenty-four votes, or may elect and have one poor pupil always in the establishment.

*Hon. Secretaries.* { Very Rev. Hercules H. Dickenson, D.D.  
                          { Rev. Henry Geo. Carroll.

*Secretary.*—Thomas Gick, Esq.

*Treasurer.*—W. D. La Touche, Esq.

*Auditor.*—N. D. La Touche, Esq.

## CATHOLIC INSTITUTION FOR THE DEAF AND DUMB, CABRA.

The female department of this Institution is at S. Mary's, Cabra, and the male department at S. Joseph's, Cabra.

*President.*—His Eminence, Cardinal Cullen.

*Secretary.*—Mr. Daniel O'Brien, 56, Lower Sackville Street, Dublin.

## ST. JOHN'S INSTITUTION, BOSTON SPA.

*Chaplain.*—Rev. E. W. Dawson.*Treasurer.*—M. E. Hadfield, Esq*Superioress.*—Sister Mary Lambert.EDUCATION FOR THE CHILDREN OF THE  
UPPER CLASSES.

## PRIVATE SCHOOL FOR DEAF CHILDREN.

89, HOLLAND ROAD, KENSINGTON, LONDON, W.

At this School resident Deaf Pupils, both Boys and Girls, are received from four years of age and upwards, and are instructed on the German system—viz., by ordinary spoken language, *without* signs, and the pupils study all the branches of a sound English education. The elder Pupils receive personal instruction in religion from the Vicar of the Church, and the younger Pupils are instructed in Kindergarten work. The School year is divided into three terms similar to the Public Schools, and visitors are received on Fridays from 2 to 4 p.m.

*Principal.*—Miss Hull.

See also Index to Appendix A.

ASSOCIATION FOR THE ORAL INSTRUCTION OF  
THE DEAF AND DUMB.

11, FITZROY SQUARE, LONDON, W.

The objects of the Association are,—(1) *To naturalize in this kingdom* the Oral Instruction of the Deaf and Dumb by Lip-reading and Articulate Speech, to the *rigid* exclusion of the finger or manual alphabet, and all artificial signs ; (2) *to train qualified Teachers* on this system ; (3) *to maintain a Normal School* for instructing Deaf and Dumb children.

*President.*—Earl Granville, K.G.*Treasurer.*—Sir John Lubbock, Bart, M.P.*Hon. Aural Surgeon.*—W. B. Dalby, Esq.*Hon. Secretary.*—A. H. Moses, Esq.*Director.*—William Van Praagh, Esq.*Secretary.*—H. F. B. Ansell, Esq.SCHOOL FOR THE DEAF, AND SOCIETY FOR  
THE TRAINING OF TEACHERS,

THE ELMS, CASTLEBAR HILL, EALING, W.

This Institution was founded in 1877 by B. St. John Ackers, Esq., the present Honorary Secretary, and it was established to promote the teaching

of the deaf on the "German system." It also provides for the training of Teachers, Governesses, and Relations of the Deaf, so as to make them thoroughly acquainted with this system both in theory and practice. The School is conducted according to the principles and formularies of the Church of England. A sound English education is given to the pupils by means of articulation, lip reading, reading, and writing. Signs and the manual alphabet are rigidly excluded.

### THE TRAINING COLLEGE.

The College is established for the training of Teachers, Governesses, and Relations of the Deaf. The College will be wholly undenominational. Only Female Students will be admitted as residents. The Students are of three Classes :—In-Students, First Class, Second Class, Out-Students. Certificates will be granted to Students who have completed one year's course, and passed a satisfactory examination in the principles and application of the "German" system. The Fees for tuition are as follows :—In-Students (First Class), 30*l.* per annum ; Second Class, free. Out-Students, 45*l.* per Annum. Fees for board and lodging of in-Students, 50*l.* per annum (for a separate bedroom, 25*l.* extra).

*Chairman of Committee.*—Major-Gen. F. C. Cotton, R.E., C.S.I.

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### INTERNATIONAL CONGRESS IN 1883.

At the International Congress held at Brussels on the education of the deaf, one of the resolutions adopted was that under the pure oral system the classes should consist of six or eight pupils in the earlier stages, and should not exceed twelve in the higher classes. One speaker said that by the pure oral system a teacher could add to the number of pupils as time went on, but by the sign system he must reduce the number as time went on. The suggestion of "mutual teaching"—*i.e.*, the deaf teaching each other—was discarded altogether. As regards industrial instruction, it appeared that the different circumstances of different countries had much to do with the question, but it was generally considered that, in the foreign institutions at any rate, industrial occupation should be combined with school teaching; that workshops should be provided in the larger institutions, where adequate accommodation and appliances could be obtained; and that in the smaller institutions the pupils should be taught suitable handicrafts outside, but still in connection with, their school. The resolutions adopted were few, as the subjects proved, on discussion, to be more local than international. The most remarkable feature of the Congress was that, after the lapse of three years, and in a more widely representative gathering, the decision of the Congress held at Milan in 1880 in favour of the pure oral system, was accepted and acquiesced in as final, and thus practically confirmed, with perfect unanimity.

ON

## CONTINENTAL EDUCATION.

*In the Appendix, Prospectuses will be found of excellent Private Schools for Boys, and Young Ladies, in France, Germany, Belgium, and Switzerland.*

THE subject of Continental Education has become, of late years, a most important question to English parents, therefore the few brief and critical suggestions offered in these pages may not be considered inopportune.

The so-called system of "International Education" which has recently been brought so prominently before the public by one or two principals of private middle-class schools in England, through the medium of extensive advertising in the columns of our principal newspapers, is misleading to English parents, and unproductive of educational results as regards the acquisition of modern languages. Boys are certainly transferred to the Continent for a limited time, under the personal escort of the English school principal; but in most cases it is only to enter some cheap private school which is, so to speak, affiliated to the establishment in England; it does not, however, appear how the education of the boys left in England, and who are not ready for this "*International*" transplanting, is carried on during the period the principals are *escorting* the Anglo-foreign element of their establishments to their respective destinations. However this may be, it is self-evident that this constant draughting of large numbers of English boys, re-uniting abroad, can scarcely be conducive to a rapid acquisition of the modern languages, as we shall presently show; for by this system it becomes practically and simply the transference of an English school *pro tem* to continental soil. We shall therefore endeavour to point out that for a pupil, especially one intended for commercial pursuits, it is advisable for him to entirely complete his English education before taking his year's finishing educational course at a continental school, and our aim will be to indicate to parents what schools or private tutors would best meet the requirements of a pupil for that limited period of study, and many of our remarks may be equally applied to a continental education for young ladies.

In considering the question from this standpoint, we will assume the youth to be sixteen years of age, with just a year allowed him for acquiring the modern languages; the number of boys who go earlier, and stay longer is comparatively so few that they may be left out of the question. The few may have time to reside in more than one country, but, in the majority of cases, parents have to choose a school either in France, Germany, Switzerland, or Belgium, and it is of the highest importance that the year abroad should not be spent in a small country town; for it is not merely the language of a country which a boy should learn, but its customs, manners, and its national institutions should be carefully studied, and this can only be acquired by the pupil being permitted to visit museums, picture galleries, concerts of a high classical order, and witnessing, on the stage, the great works of the French and German dramatists, which, however, should have been previously studied at home, under the careful tuition of a competent tutor. These are a few points deserving serious consideration, but which are more fre-

quently entirely overlooked by educators. A Frenchman or a German who has lived in England sufficiently long to have become almost naturalized, possesses high recommendations as a teacher, for he combines the powers of an Englishman with those of the foreigner, thereby forming a connecting link between the thought and life of England and that of his own country. Scholars of that order are, however, only to be found at our Universities or at the great Public Schools of England; for the ordinary foreign masters at our private and endowed schools are, as a rule, men who come to this country merely for the purpose of acquiring the English language—birds of passage, so to speak—who have, generally speaking, no aptitude for teaching, and who from want of sympathy with their pupils, or from inexperience of English school life, are singularly unfitted to maintain the necessary discipline among English boys. On the other hand, an Englishman who has studied German in Germany, and French in France, understands the difficulties of these languages, in their idioms, grammar, and pronunciation, far better than Frenchmen or Germans, as he has had to overcome them himself; and by his greater influence over boys, can enforce that attention and obedience quite beyond the powers of a foreigner. If our English Universities would establish annual scholarships, enabling graduates to spend at least two years on the Continent, an entirely new era of modern-language education would be created in England, and an efficient staff of foreign (English) masters would soon be available for our English schools; then the modern languages would be thoroughly taught without the necessity of residence on the Continent; but until that time arrives, there is no alternative but to select a school either in Germany, France, Switzerland, or Belgium; and we now revert to the selection of the town. The year abroad should not be spent wholly in the schoolroom; a boy should have every chance given him, under proper supervision, of seeing and judging for himself, and of adding to the knowledge of books that which comes from personal observation. These advantages are not so available, as we have previously remarked, in a small country town, and it is from this point of view that we venture to regard the time as likely to prove profitable or otherwise to an English boy.

With respect to pronunciation, we would remark that, as regards German, the old prejudice which exists in England in favour of an Hanoverian accent is an entire fallacy. Surely it must be idle to speak so highly of an accent which the Germans themselves scarcely recognise or are even aware of. It is not the accent of a particular province, but the "national pronunciation" of the educated, as distinguished from the uneducated classes, which every teacher should try to impart. If called upon to say where the best and purest German is spoken, we should have to decide in favour of the north and west. In the northern and western provinces, where the lower classes have a dialect of their own (the low German), the high German is kept perfectly pure, the children of the poor learning it at school more or less as a foreign language; but where this low German dialect does not exist, as in Bavaria, Suabia, and to a certain extent in Saxony, where, in other words, both the educated and the uneducated speak one and the same language, it is but natural that the high German should become greatly corrupted. The only system of "International Education" at present carried on in England, which is productive of real educational results, is that in connection with a few private establishments conducted by natives of France and Germany,



or by English Tutors and Ladies who, through long residence in those countries, have acquired a thorough knowledge, colloquially and grammatically, of both languages. A few such establishments are known to the author of this work, and in one or two instances a French and a German native act as Principal and Vice-Principal respectively in the same College.

### I. CHOICE OF SCHOOLS.

With regard to the choice of a school, English parents are often misled into sending their sons to cheap private establishments in France, Germany, and other countries, which are said to be in union with equally second-grade private schools in England, and they do this under the idea that they are combining economy with good education. This is assuredly a mistake, for France and Germany are anything but cheap countries to reside in. In consequence of the late Franco-German war, living is in many respects more expensive than in England; so that superior education is incompatible with low terms. The principals of the cheap schools are compensated in two ways for the lowness of their fees: firstly, by the numbers of English boys whom they attract; and secondly, by the length of time these boys are required to stay with them; hence it follows that an English boy at such a school is hearing his own language spoken continually, and his acquisition of German or French is proportionately small; he is consequently compelled to remain two years or more on the Continent, thereby losing at least one year which could be more profitably occupied in England; for as in Germany especially, native boys are rarely sent to these private schools, therefore the opportunities of an English boy meeting with German companions are few and far between; and as he has but little intercourse with German families, and sees nothing of German home life, he consequently returns to England knowing something of the German language perhaps, but entirely ignorant of the country. Nor is it to be passed over lightly, that in such cheap schools it is impossible to get competent masters to stay any length of time; and nothing, in our opinion, is more prejudicial to the course of education than the constant change of masters.

### II. FRENCH AND GERMAN PUBLIC SCHOOLS.

There are many English parents who prefer to reside in a German or French town, and for their children to attend as day-scholars at one of the public schools. This plan, though at first sight very attractive, is open to serious objections; for the course of instruction in these schools—and we allude more especially to Germany—is laid down for native boys; and an English boy of sixteen will be quite unable to follow it, except he enters one of the lowest forms, and as he would then have to sit and study in the same class with native boys of ten or eleven years of age, six months will at least be lost before he is capable of even following the regular course of instruction; and naturally masters will not trouble themselves much about the progress of a boy who is so imperfectly acquainted with that language which is the medium of instruction; and the pupil, being unable to understand the teacher's explanations, will get discouraged, and much valuable time will thereby be wasted. To derive any real benefit from attending a public school, the English pupil should enter at the age of ten, and remain at least six years, so that he might go through the whole course of instruction laid down for native boys; and even then the

results would not be entirely satisfactory ; for the boy, although having passed through a training, high indeed, and well fitted for a future career in France or Germany, would necessarily have missed that English education which would have fitted him far better for the sphere he would, in all probability, be called upon to fill in England or its dependencies.

### III. THE SELECTION OF A SCHOOL OR A PRIVATE FAMILY.

An English parent should either send his sons to a Continental school of known educational standing, or to a Tutor, who receives only three or four pupils into his family circle. The comforts of a home, and the daily social intercourse with the family, contribute much to that progress in acquiring modern languages, which is the sole object of residing on the Continent ; but with regard to this latter course, the great drawback is the expense. In the first place, it is almost impossible to board with a respectable family for less than 80*l.* a year ; and if the Tutor, or family, with whom the pupil resides is unable to give him a systematic course of instruction, he must have recourse to private lessons from other Tutors, and this supplemental expense would be at least three shillings an hour ; one lesson per day would alone amount to nearly 50*l.* a year. The one course that appears to deserve special mention is for the pupil to place himself under a German or French Professor who teaches English, French, and German, at a Public School,\* or Government College,† or Lycée. We will take the case of such a Tutor ; as a rule, he is married, and, generally speaking, only receives three or four English boys ; his official position is a guarantee of his educational qualifications enabling him to remove all difficulties met with by his pupils in their studies through the medium of English. As he must have mastered that language and its literature critically, his pupils could likewise keep up their English course under his care ; and he is equally qualified to make a judicious selection of lectures at which they might attend daily as soon as they are able to follow a more advanced course of instruction.

### IV. AGE WHEN A BOY SHOULD BE SENT ABROAD.

We must not lose sight of the fact that the English boy who is sent to the Continent to acquire French and German will, in all probability, pass his future life in England, and therefore he should finish his English education entirely ; for it should be national, not international and cosmopolitan. The idea of "International Education" was first started in France. An English company some few years ago established an "International College" in London, and others followed in France and Germany. The idea was to place a boy for two years in the London College, then to send him for the same period to the sister College in France, and finishing his education with two years in the College in Germany. The curriculum of studies pursued in England, through English, was to be continued in France, through French, and in Germany, through the German language. This "International College" did not succeed, but the "International" system of education has of late years been largely promulgated in the educational columns of our newspapers, and seems to be at present in active operation, and is apparently remunerative, but we

\* Dr. H. Sauré, Professor at the Government College, Cologne, Germany.

† Professor La Serre, Membre de Plusieurs Sociétés Savantes, 10, Avenue Kléber, Arc-de-Triomphe, Champs Elysées, Paris.

fear it is an unsuccessful scheme as regards any educational advantage to the pupil. English boys leave in large draughts under the escort of an English schoolmaster, and it is intended they should stay six months or a year in a private establishment at Amiens, Dieppe, Boulogne, or Paris, and afterwards proceed for the same length of time to Bonn or Heidelberg. The disadvantages of this system are numerous, and lie not only in the change of school, and in the certainty of the English boys forming an exclusive colony wherever they go, but also as regards the age at which they leave England. No boy, as we have before stated, should be sent to the Continent before he is sixteen; he has by that time had an education, the basis of which is English, and on the other hand he is old enough to profit by a residence abroad, which could hardly be the case if he left at an earlier age. Let a boy know his mother-tongue thoroughly, and learn to appreciate its literature before he is asked to devote his whole time to the literature of France and Germany. If the pupil is intended for a mercantile career, sixteen will be practically the latest time for his leaving England, as under ordinary circumstances he would be expected to enter business pursuits at seventeen; and in any case it is quite possible for a boy of sixteen, with fair abilities, to acquire good French and German in the year allotted him, provided the tuition is careful and systematic.

#### V.—SCHOOLS AND PRIVATE TUTORS IN BELGIUM AND SWITZERLAND.

Schools in these countries, many of a very high educational order, and conducted by natives, are readily met with, where English students are prepared for our various competitive examinations, and where pupils may acquire a perfect knowledge of the French and German languages, with the advantage of keeping up their English studies. Several English Clergymen and retired Officers of the Army, and University men have recently taken up their residence in Switzerland for the purpose of preparing militia officers and other candidates for our Army Examinations, so much importance being now attached to a colloquial knowledge of modern languages, and the advantages thus attainable will meet an acknowledged want (see page 1145). A movement in this direction has also been made by some of our best Army Tutors in England, who are opening branch establishments on the Continent, or becoming affiliated with well-known Continental Institutions, so that a temporary residence on the Continent will form part of the educational course of preparation for the Army.

The author of this work has issued a pamphlet on the subject of Continental Education, which is intended for gratuitous circulation, and as it contains the prospectuses, printed *in extenso*, of many of the most select and best conducted schools for boys and young ladies in France, Germany, Belgium, and Switzerland, the information therein given cannot fail to be of considerable value to parents and guardians, from its trustworthy character. This pamphlet will be sent by post (postage, 3d.), on application to him at Berners Chambers, Berners Street, London, W., or care of Simpkin, Marshall, and Co., Stationers' Hall Court, E.C., London.

# EDUCATION DEPARTMENT.

## COMMITTEE OF COUNCIL ON EDUCATION—ENGLAND AND WALES.

WHITEHALL, S.W.

A motion is now before the House of Commons for the establishment of a separate department for Education, and it is expected that the appointment of a Minister of Education will shortly be the result, as Sir. J. Lubbock's motion is supported by Mr. Forster, Lord George Hamilton, and others, who have had much experience in the Education Department.

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*Vice-President.*—Right Hon. A. J. Mundella, M.P.

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In 1865 the number of Schools inspected in Great Britain was 8,438 ; in 1881, 21,136. The accommodation in 1865 was for 1,677,808 pupils ; in 1881 it was for 5,002,116. The average attendance in 1865 was 1,057,745 ; in 1881 it was 3,848,011.

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(Elected November 24th, 1882, for three years.)

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The income for 1882 was 1,553,234*l.*, and the expenditure 976,861*l.*

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*Instructor of the Deaf and Dumb.*—Rev. W. Stainer.

*Superintendent of the Blind.*—Miss Green.

*Examiners of Needlework.*—Miss Heath and Miss Semphill.

*Instructor in Kinder-Garten Exercises.*—Miss Lyschinska.

*Secretary to the Chairman.*—G. Rogers.

*Store Superintendent.*—G. Frater.

*Inspectors of Schools.*—J. Noble, G. Ricks, T. M. Williams, R. McWilliam,  
F. G. Langdon, W. L. Clague, T. Nickal.

## ADDITIONAL LIST OF INTERMEDIATE SCHOOLS AND COLLEGES FOR BOYS IN IRELAND.

[The list of Schools for Girls is given in Volume II., and all Schools marked with a \* will be found fully described in Part VIII. of this work in topographical order.]

The following list contains the names of Irish institutions at which boys are instructed in those branches of general knowledge now taken as included in the term "Intermediate Education." Some Schools established since the passing of the Act have assumed the name of "Intermediate," and this has given rise to the incorrect notion that, as in the case of Schools under the National Board, and classes in connexion with the Science and Art Department, there must be some process by which a School may "become connected with" or "placed under" the Intermediate Education Board. The Act, however, does not suggest any such process, and the rules of the Board contain no provision of this kind. All Schools satisfying the conditions of the Act are entitled to Results Fees upon Pupils who have passed the Examination, and fulfilled the requirements as to attendance. Christian Brothers' Schools and ordinary National Schools are not included.

NOTE.—A classified list of the Royal Schools, Diocesan Schools, Erasmus Smith's Schools, Roman Catholic Colleges and Schools, and Incorporated Society and other Intermediate Schools will be found at pages 636, 637, 638 and 639.

|                      |                             |                                 |
|----------------------|-----------------------------|---------------------------------|
| ANTRIM               | Intermediate School         | Rev. S. Moffett, B.A.           |
| ARMAGH               | Cathedral Grammar School    | Rev. W. F. Johnson.             |
| "                    | *St. Patrick's College      | Very Rev. P. Boyle, C.M.        |
| ATHLONE              | *Ranelagh School            | Robert Baile, M.A.              |
| "                    | St. Mary's School           | Rev. P. Donohue, C.C.           |
| BALLAGHADERREEN      | St. Nathy's Seminary        | Rev. T. Gilmartin.              |
| BALLINA              | Intermediate School         | A. B. Hamilton, M.A.            |
| "                    | St. Muredach's, Dioc. Sem.  | Rev. A. Finnerty.               |
| BALLINASLOE          | *Ballinasloe Academy        | James Breakey.                  |
| "                    | St. Michael's Seminary      | Rev. J. R. Molony, D.D.         |
| BALLYMENA            | Commercial Academy          | S. Ferguson.                    |
| "                    | Gracehill Academy           | Rev. J. H. Edwards.             |
| BALLYROAN (Q's. Co.) | *Endowed School             | J. B. Lyon, M.A.                |
| BANBRIDGE            | Classical School            | J. J. Gillespie.                |
| "                    | Scarva-street School        | Samuel Gillespie.               |
| BANDON               | Grammar School              | Thomas R. Courtenay.            |
| "                    | St. Brogan's Academy        | Very Rev. Canon MacSwiney, P.P. |
| BANGOR               | Endowed School              | James H. Rainey.                |
| BELFAST              | Belfast Intermediate Coll.  | Jas. C. Newsome, M.A.           |
| "                    | Belmont Academy             | James Pyper, M.A.               |
| "                    | Coll. & Mercantile Day Sch. | Thomas M'Clinton.               |
| "                    | Commercial and Gram. Sch.   | John Jackson.                   |
| "                    | Mercantile Academy          | James Pyper, M.A.               |
| "                    | Methodist College           | H. R. Parker, LL.D.             |
| "                    | Model School                | George L. Moore.                |
| "                    | *Royal Acad. Institution    | Robert Steen, Ph.D.             |
| "                    | St. Malachy's College       | Very Rev. H. Henry.             |
| BLACKROCK, DUBLIN    | *French College             | Very Rev. P. Huvetys.           |
| BOYLE                | Intermediate School         | James Arthur, M.A.              |

|                                    |                                                   |                                   |
|------------------------------------|---------------------------------------------------|-----------------------------------|
| BRAY . . . .                       | Bray School . . . .                               | John Holdbrook, B.A.              |
| BRUFF . . . .                      | St. Patrick's Seminary . . . .                    | Rev. J. Sheahan.                  |
| CAHIR . . . .                      | Rockwell College . . . .                          | Very Rev. P. Goepfert.            |
| CARLOW . . . .                     | *Carlow College . . . .                           | Very Rev. E. W. Burke.            |
| CARRICKMACROSS . . . .             | Grammar School . . . .                            | Thomas S. Shaw, M.A.              |
| CARRICKFERGUS . . . .              | Rockview Intermed. School . . . .                 | Rev. William Close.               |
| CASTLEKNOCK . . . .                | *St. Vincent's College . . . .                    | Very Rev. M. O'Callaghan.         |
| CAVAN . . . .                      | St. Patrick's Coll. Day Sch. . . .                | Very Rev. James Dolan.            |
| CHARLEVILLE . . . .                | St. Brigid's Seminary . . . .                     | J. Murphy.                        |
| CLARA . . . .                      | Monastery School . . . .                          | Brother H. B. Rigney.             |
| CLONDALKIN . . . .                 | St. Joseph's Seminary . . . .                     | Rev. D. J. Clancy.                |
| CLONMEL . . . .                    | Model School . . . .                              | J. Murphy.                        |
| " . . . .                          | St. Francis's Academy . . . .                     | Rev. John O'Neill, O.S.F.         |
| COLERAINE . . . .                  | Model School . . . .                              | G. Porter.                        |
| COOKSTOWN . . . .                  | Cookstown Academy . . . .                         | John Mackenzie, M.A.              |
| COOTEHILL . . . .                  | Benbawn Endowed School . . . .                    | J. Moore.                         |
| " . . . .                          | Tullyvin Endowed School . . . .                   | Robert Good.                      |
| CORK . . . .                       | Model School . . . .                              | M. M'Entee.                       |
| " . . . .                          | Presentation Bros.' School . . . .                | Br. W. B. Walsh.                  |
| " . . . .                          | (16) Queen-street Coll. Sch. . . .                | John Fawcett.                     |
| " . . . .                          | St. Finn Barr's Seminary . . . .                  | Very Rev. J. Canon Coghlan.       |
| " . . . .                          | St. Luke's School . . . .                         | J. B. Crawford.                   |
| " . . . .                          | St. Thomas of Aquin's Sch. . . .                  | Cornelius O'Shea.                 |
| DALKEY . . . .                     | Dalkey College . . . .                            | Rev. F. J. Lucas, D.D.            |
| DONEGORE (Co. AN-<br>TRIM) . . . . | Rectory School . . . .                            | Rev. James Hunt, M.A.             |
| DOWNPATRICK . . . .                | Intermediate School . . . .                       | William Lamont.                   |
| DROGHEDA . . . .                   | Academy . . . .                                   | Henry Carroll.                    |
| DROMORE (Co. DOWN) . . . .         | Intermediate School . . . .                       | Rev. J. K. Strain.                |
| DUBLIN:—                           |                                                   |                                   |
| 39, N. Gt. George's-st. . . .      | Bective College . . . .                           | Geo. H. King, M.A.                |
| 41, Dominick-st., Lr. . . .        | Carmelite Seminary . . . .                        | Rev. Thomas Bartley, O.C.C.       |
| 89, Leeson-st., Lr. . . .          | Catholic Univer. School . . . .                   | Rev. John Leterrier, C.M.         |
| Marlborough-street . . . .         | Central Model School . . . .                      | L. J. Ryan.                       |
| Christ Church-place . . . .        | Ch. Ch. Cathed. Gram. Sch. . . .                  | Rev. W. H. Lang, M.A.             |
| Blackhall-place . . . .            | *King's Hosp. Blue Coat Sch. . . .                | Rev. Thomas B. Gibson, M.A.       |
| Merchant's-quay . . . .            | Merchant Tailors' End Sch. . . .                  | T. Bryan M'Dermott.               |
| 53, Gt. Charles-street . . . .     | Private School . . . .                            | Ronald Johnson.                   |
| Molesworth-street . . . .          | Ralph Macklin's School . . . .                    | Walter Keane.                     |
| 6, Denmark-st., Gt. . . .          | St. Francis Xavier's College . . . .              | Very Rev. Edw. Donovan, S.J.      |
| 83, Stephen's-green . . . .        | St. Gall's Univ. College . . . .                  | Rev. John L. Egan.                |
| Usher's-quay . . . .               | St. Laurence O'Toole's Sem. . . .                 | Rev. P. A. Glynn, O.S.A.          |
| Guinness-street . . . .            | St. Patrick's Cathedral<br>Grammar School . . . . | Rev. C. T. Ovenden, B.D.          |
| 20, Molesworth-street . . . .      | Select School . . . .                             | R. M. Lidbetter.                  |
| School-street . . . .              | West Dublin Model School . . . .                  | Æ. Murray.                        |
| DUNDALK . . . .                    | Educational Institution . . . .                   | Rev. John Turner.                 |
| " . . . .                          | St. Mary's College . . . .                        | Very Rev. P. Grew, C.M.           |
| DUNGARVAN . . . .                  | St. Augustine's Seminary . . . .                  | Very Rev. W. P. Dundon,<br>O.S.A. |
| DUNGIVEN . . . .                   | Classical & Mercantile Acad. . . .                | Marcus Stevenson, B.A.            |
| DUNMANWAY . . . .                  | St. Edmund's College . . . .                      | Rev. E. R. Emerson, D.D.          |
| ENNIS . . . .                      | *Diocesan College . . . .                         | Very Rev. M. Culligan.            |
| FERMOY . . . .                     | *St. Colman's College . . . .                     | Very Rev. W. Hutch, D.D.          |
| GALWAY . . . .                     | Model School . . . .                              | J. M'Garry.                       |
| " . . . .                          | St. Ignatius's College . . . .                    | Very Rev. T. Kenny, S.J.          |
| " . . . .                          | St. Joseph's Seminary . . . .                     | Br. J. P. Lynch.                  |
| KANTURK . . . .                    | Classical School . . . .                          | Terence Golden.                   |

|                      |   |   |                                  |   |                                |
|----------------------|---|---|----------------------------------|---|--------------------------------|
| KILKENNY             | . | . | Model School                     | . | S. M'Cotter.                   |
| "                    | . | . | *Pococke College                 | . | J. Blair Browne.               |
| "                    | . | . | *St. Kieran's College            | . | Very Rev. P. Murphy.           |
| KILLARNEY            | . | . | Presentation Monastery           | . | Brother J. P. Gaynor.          |
| "                    | . | . | St. Brendan's Seminary           | . | Very Rev. D. O'Leary.          |
| KINGSTOWN            | . | . | Corrig School                    | . | Jas. H. Bousfield, M.A.        |
| "                    | . | . | *Kingstown School                | . | W. H. Knapp, M.A., C.E.        |
| KINSALE              | . | . | *St. Mary's Inter. School        | . | Rev. E. P. Southwell, O.C.C.   |
| LARNE                | . | . | Intermediate School              | . | H. H. Henry.                   |
| LETTERKENNY          | . | . | Diocesan Seminary                | . | Rev. E. Maguire.               |
| LIFFORD              | . | . | *Prior Endowed School            | . | George V. Briscoe.             |
| LIMAVADY             | . | . | Intermediate School              | . | George Dixon, B.A.             |
| LIMERICK             | . | . | Baker-place School               | . | J. P. Molohan, B.A.            |
| "                    | . | . | Cathedral Grammar School         | . | J. F. Switzer, LL.B.           |
| "                    | . | . | Diocesan School                  | . | Rev. E. T. O'Dwyer, C.C.       |
| "                    | . | . | Leamy School                     | . | Garner Gahan.                  |
| "                    | . | . | Henderson's School               | . | J. J. Henderson.               |
| "                    | . | . | Model School                     | . | J. Moylan.                     |
| "                    | . | . | Mungret College                  | . | Rev. W. Ronan, S.J.            |
| "                    | . | . | Sacred Heart College             | . | Very Rev. P. O'Connell, S.J.   |
| "                    | . | . | St. Munchin's Seminary           | . | Rev. J. J. O'Grady.            |
| "                    | . | . | Villiers' School                 | . | James Sproule.                 |
| LISBURN              | . | . | Ulster Provincial School         | . | Joseph Radley.                 |
| LISMORE              | . | . | St. Oswald's College             | . | A. A. Honey, B.A.              |
| LISTOWEL             | . | . | St. Michael's College            | . | Rev. D. R. Harrington.         |
| LONDONDERRY          | . | . | Model School                     | . | W. Todd.                       |
| "                    | . | . | St. Columb's College             | . | Rev. J. Hassan, D.D.           |
| LONGFORD             | . | . | *St. Mel's College               | . | Rev. James O'Farrell.          |
| LOUGHREA             | . | . | St. Brendan's Seminary           | . | Rev. P. Egan.                  |
| MACROOM              | . | . | Classical School                 | . | Terence Golden.                |
| "                    | . | . | Intermediate School              | . | C. P. M'Gann.                  |
| MAGHERAFELT          | . | . | Rainey Foundation School         | . | H. E. Kincaid, M.A.            |
| MALLOW               | . | . | Patrician Schools                | . | Br. A. B. Holton.              |
| MANORHAMILTON        | . | . | Intermediate School              | . | Charles Dolan.                 |
| MERRION (CO. DUBLIN) | . | . | *Masonic Boys' School            | . | Arthur L. Sparks, B.A.         |
| MILLTOWN (KERRY)     | . | . | Monastery Intermed. Sch.         | . | Presentation Brothers.         |
| MONAGHAN             | . | . | Educational Institute            | . | R. C. M'Culloch, B.A.          |
| "                    | . | . | St. Macarten's Seminary          | . | Very Rev. P. M'Glone.          |
| MONEYMORE            | . | . | Intermediate School              | . | Wm. Crooks.                    |
| MONKSTOWN (CO. DUB.) | . | . | Hollyville Park School           | . | Rev. James Rice, B.D.          |
| "                    | . | . | Belgrave Villa                   | . | Miss Farrant.                  |
| MOUNTRATH            | . | . | Monastery School                 | . | Brother J. A. Howlin.          |
| MULLINGAR            | . | . | Farra School (Bunbrusna).        | . | T. C. Foster, B.A.             |
| Multyfarnham         | . | . | Wilson's Hospital                | . | Rev. H. W. White, LL.D.        |
| NAAS                 | . | . | Clongowes Wood College           | . | Very Rev. Edw. Kelly, S.J.     |
| "                    | . | . | St. David's College              | . | C. F. G. Synnott.              |
| NAVAN                | . | . | *St. Finian's Seminary           | . | Very Rev. J. Higgins, D.D.     |
| NEWBRIDGE            | . | . | St. Thomas's College             | . | Very Rev. T. Smyth, D.D., O.P. |
| NEW ROSS             | . | . | Endowed School                   | . | Rev. Wm. Hunt, B.A., C.E.      |
| NEWRY                | . | . | *Collegiate School               | . | Thomas Adaire, M.A.            |
| "                    | . | . | Intermediate School              | . | Wm. Stoops, M.A.               |
| "                    | . | . | Model School                     | . | W. D. Watt.                    |
| "                    | . | . | St. Colman's Coll. (Violet Hill) | . | Very Rev. H. O'Neill.          |
| NEWTOWNARDS          | . | . | Intermediate School              | . | Robert M'Kee.                  |
| "                    | . | . | Model School                     | . | M. Harbison.                   |
| NEWTOWNFORBES        | . | . | Lisnaboe Endowed School          | . | Alexander Livingstone.         |
| NEWTOWNSTEWART       | . | . | Intermediate School              | . | Rev. E. M. M'Mordie, M.A.      |



|                       |                                  |                                   |
|-----------------------|----------------------------------|-----------------------------------|
| OMAGH . . . .         | Int. Sch. (Gortmore Lodge)       | Rev. Samuel Pau.                  |
| PARSONSTOWN . . . .   | Model School . . . .             | J. Butler.                        |
| " . . . .             | *Prepar. Sch. (Chesterfield)     | Rev. Wm. Ewing, LL.D.             |
| " . . . .             | Presentation Monastery . . . .   | Brother T. B. Molony.             |
| PORTADOWN . . . .     | Portadown Academy . . . .        | Rev. S. Andrews, M.A.             |
| " . . . .             | Grange O'Neiland School . . . .  | Robert Donaldson.                 |
| PORTARLINGTON . . . . | *Arlington House . . . .         | Rev. J. Berry, M.A., M.C.P.       |
| QUEENSTOWN . . . .    | East Hill Seminary . . . .       | Philip Dawson.                    |
| RATHMINES . . . .     | Rathmines School . . . .         | Rev. C. W. Benson, LL.D.          |
| 27, Castlewood-av.    | Castlewood-avenue School . . . . | F. Traegar, B.A.                  |
| 21, Beechwood-av.     | Catholic College School . . . .  | Wm. Horgan.                       |
| 150, Rathmines, Up.   | Private School . . . .           | John A. Forde.                    |
| RATHVILLEY . . . .    | Disraeli's School . . . .        | James Earl.                       |
| ROSCOMMON . . . .     | St. Coman's Intermed. Sch.       | S. P. O'Brien.                    |
| ROSCREA . . . .       | Erasmus Smith's School . . . .   | M. Gahan.                         |
| ROSSCARBERY . . . .   | St. Faughnan's College . . . .   | Rev. G. C. Bruton, B.A.           |
| SANTRY (CO. DUBLIN)   | Santry School . . . .            | W. J. McClelland, B.A.            |
| SKIBBEREEN . . . .    | Academy . . . .                  | C. F. Baker, B.A.                 |
| SLIGO . . . .         | Academy . . . .                  | H. B. Brett.                      |
| " . . . .             | Model School . . . .             | J. Feehan.                        |
| " . . . .             | The College . . . .              | Rev. J. Lyster.                   |
| STRABANE . . . .      | Strabane Academy . . . .         | Æneas Kerr, M.A.                  |
| STRANORLAR . . . .    | Erasmus Smith's School . . . .   | C. M'Cormick.                     |
| TARBERT . . . .       | Erasmus Smith's School . . . .   | W. Peoples Walshe.                |
| TERENURE . . . .      | Carmelite College . . . .        | Very Rev. P. M'Donnell,<br>O.C.C. |
| TRALEE . . . .        | Holy Cross Seminary . . . .      | Rev. J. C. Ryan, O.P.             |
| " . . . .             | Oakview College School . . . .   | Wm. Rorke.                        |
| TRIM . . . .          | Model School . . . .             | J. Sharkey.                       |
| TUAM . . . .          | *St. Jarlath's College . . . .   | Very Rev. P. Kilkenny.            |
| TULLAMORE . . . .     | Charleville School . . . .       | T. Bateman.                       |
| " . . . .             | *St. Stanislaus' College . . . . | Very Rev. A. Sturzo, S.J.         |
| TULLOW . . . .        | Monastery School . . . .         | Brother A. O'Neill.               |
| WATERFORD . . . .     | Friends' School, Newtown . . . . | E. Garnett.                       |
| " . . . .             | Diocesan School . . . .          | J. B. McFeeters.                  |
| " . . . .             | St. John's College . . . .       | Very Rev. J. A. Phelan.           |
| WEXFORD . . . .       | St. Peter's College . . . .      | Very Rev. M. Kavanagh.            |
| " . . . .             | Tait School . . . .              | R. P. Caldwell.                   |

## PART VIII.

---

OUR ENDOWED  
AND  
PROPRIETARY SCHOOLS  
AND  
COLLEGES;  
ALSO  
OUR PRIVATE, HIGHER,  
AND  
MIDDLE-CLASS SCHOOLS.

---

“Wisdom is the only source of real happiness, and the only goal worthy of a man’s ambition.”

“Ignorance is the curse of God;  
Knowledge the wing wherewith we fly to Heaven.”

SHAKESPEARE.

*Ipsa scientia potestas est.*

“Knowledge is power.”

BACON.

## NOTE.

THE schools administered under the Endowed Schools Act are classified as "First Grade," "Second Grade," and "Third Grade," and are framed in accordance with schemes passed under the Endowed Schools Acts 1869, 1873, 1874, and 1879.

The Commissioners explain their principles of classification as follows :—

"The distinction between the various grades of schools depends generally upon the character of the education prescribed in the scheme, the rate of fee payable, and the age at which the scholars leave the school."

"FIRST GRADE :—A school in which a complete classical or an advanced modern education is given, with a minimum fee of about £10 a year, and a leaving age of 19, would be termed a school of the first grade.

"SECOND GRADE :—A school of the second grade would be one in which the main object of teaching would not be so completely classical, in which the minimum fee would be about £5 a year, the leaving age 17.

"THIRD GRADE :—A school of the third grade would be one in which little or no classics are taught, where the minimum fee would be about £3 a year, and the leaving age 15."

## TO THE READER.

THE compilation of the preceding and following sections of this volume has been a tedious, and frequently a troublesome task, involving many months of careful labour and diligent research, indeed, to obtain the necessary facts, and to arrange them in the classified order, and in the abbreviated form, in which they are here set forth, has been an undertaking surrounded by no ordinary difficulties, only those persons can appreciate this fully who have been engaged in a similar labour. These obstacles have caused the unusual delay which has occurred in passing the book through the press, for in many cases repeated applications have been made at the "fountain heads" without any result, and the author has therefore been compelled to insert the names only of existing establishments in an "Addendum," having utterly failed in obtaining the necessary data for a more comprehensive classification. This is the chief apology he offers to many patient subscribers for the tardiness in the appearance of this book; and as the leading object has been to give, as far as the nature of the work would allow, the most copious and accurate information on all the salient points connected with every leading educational establishment in the United Kingdom, it would have been most unwise to have unduly hurried on the work, as, in addition to giving a history of existing Institutions, it has also been his aim to make the book a complete compendium of practical information upon all subjects connected with education and examination in operation at the present day, and as all the information has been collated from original sources, it may be strictly relied upon for general accuracy; but naturally in a work of this kind, treating of so vast a number of schools, many important points have necessarily been but briefly alluded to.

It was the original intention to issue a book of about 500 pages; the work has however grown, during the compilation, into a volume of 1,400 pages of closely printed matter, and this feature has added to the obstacles in bringing it out at an earlier date. It may, however, be assumed that the advantages thus obtained will dispel much of the disappointment so openly and naturally expressed by many, at what appeared to them unreasonable delay.

It is advisable that readers should peruse the "Reference Notes" on the next page to facilitate their inquiries respecting the Endowed and Private Schools; and it may be well to inform those Principals whose establishments are not properly classified in this volume, that, if a prospectus is sent to the author, their Schools will be inserted in the next edition in a more uniform and comprehensive manner.

## INTRODUCTORY REMARKS AND REFERENCE NOTES.

1. In this section of the work the Schools are arranged in *topographical* and *alphabetical* order, and, as a double reference, a perfect index is given at the end of the book of the names of all the Head Masters and others, and the place of residence of each person. The alphabetical classification of schools, according to the towns or villages in which they are situated, will be found convenient for the purpose of speedy reference, and the separate index already referred to of the names of Head Masters, with the town or place specified, will be especially useful to those who, in only remembering the name of a Head Master, may have forgotten the locality or name of the school, and *vice versâ*.

2. Should the address of the school only be remembered, it can be as readily found by reference to the body of the work under its classified *locale*. All schools within the London Postal District are given among the London Schools, and they will be found under their respective districts, with the name of the suburb or the name of the street as a heading. Places such as S. Leonard's, S. David's, S. Anstell, etc., will appear under the letter *S*, in their regular position in the body of the work.

3. Schools which are examined officially by the Universities of Oxford and Cambridge are marked with two stars, thus (\*\*).

See particulars of the Oxford and Cambridge Schools Examination Board, page 531.

4. Schools marked thus (†) are not Endowed Schools, but merely private establishments, the Proprietors giving them the name of "Grammar Schools," as a distinctive title.

5. It was impracticable in a work of this character to insert in every instance a detailed account of the whole course of studies pursued at each school, the author has however endeavoured to give a general outline of the most important heads of information, and in many cases has inserted the returns taken from his two works, Vols. I. and II., on the Oxford and Cambridge Local Examinations, entitled "The Oxford and Cambridge Local Examination Record" (price 2s. 6d.), which gives the number of pupils passed by certain schools at these examinations; these results are from the year 1858 (the date of their foundation) to 1873, and he will endeavour to give the returns in a future edition of this book, taken from the tables which will shortly appear in Volume III. of the above-mentioned work, bringing down the results to 1883, being the whole time these examinations have been in operation.

6. Schools sending candidates for these examinations are marked with one star, thus (\*), and it is well known that such examinations were instituted to supply a common test of attainments both for pupils at Public Schools and for those privately educated.

7. The particulars of those schools marked thus (†) are inserted precisely as they appeared in the last edition, no further information or notice of any alteration having been received.

8. At the end of the book will be found the *addenda* containing a supplemental list of schools, particulars of which have not yet been received for classification in this volume, also the *Corrigenda* and several Appendices containing classified advertisements.



# OUR ENDOWED AND PROPRIETARY SCHOOLS AND COLLEGES, AND MIDDLE-CLASS SCHOOLS.

(\*) For this mark read paragraph 6. (\*\*) For these marks read paragraph 8.  
(†) For this mark read paragraph 7. (‡) For this mark read paragraph 4.

*By perusing the reference notes on the three preceding pages, it will greatly facilitate the reader's inquiries.*

## A.

ABERDEEN (*Scotland*), THE GRAMMAR SCHOOL OF ABERDEEN. Founded about 1262. It has long occupied a foremost place among the Public Schools of Scotland. The present building was erected in 1863, at a cost of 16,000*l.* Endowment, 668*l.* About 300 day pupils are received, and are prepared for the Universities, etc. The School is divided into five classes, and the subjects taught are Latin, Greek, German, French, English, Arithmetic, and Mathematics. The fees for each pupil average 5*l.* 10*s.* per annum. There are 33 Exhibitions and Scholarships, value from 3*l.* to 20*l.* per annum, and tenable from 1 to 5 years. The Examinations are held in May. Vacations, 10 weeks. Rector, Alexander Martin, M.A., with 11 non-resident Masters.

ABERDEEN (OLD) GRAMMAR SCHOOL. Pupils are prepared for the Bursary Competitions at Aberdeen University; also for other preliminary examinations. The fees are very moderate. Head Master, W. Dey, M.A.

ABERDEEN "COLLEGIATE SCHOOL." Established 1875. Pupils are prepared for the Universities, Public Schools, and Professions, and are educated for private life. Pupils are taught the highest branches of English, with Classics, Mathematics, Modern Languages, and Music. The fees are 60 guineas per annum each. Principal, C. des Clayes, with assistant Masters and Professors.

ABERDEEN, CHANONRY SCHOOL (GYMNASIUM), *Old Aberdeen*. Established 1847. Pupils are taught Greek, Latin, French, German, English, Natural Sciences, Drawing, and Painting, and are prepared for the Scotch Universities. There are about 150 Pupils. Fees for boarders 60 to 75 guineas per annum. Day-scholars 8 to 12 guineas. Principals, Alex. Anderson, LL.D., and John Clarke, M.A., assisted by 4 resident Masters.

ABERDEEN, THE ACADEMY, WEST CRAIBSTONE STREET. Established 1873. Preparation for the Universities, the Military Examinations, and Commercial life. A High-class Day School. Instruction to about 70

boys, who pay from 8 to 13 guineas per annum. Pupils have been highly successful in the Public competitions. Principal, W. Grahame Walker, of Aberdeen University, Head Master, with a staff of assistant Masters.

ABERDEEN, ROBERT GORDON'S HOSPITAL. Founded 1732 for the maintenance and education of sons and grandsons of Burgesses of Guild and Trade of Aberdeen, being in decayed circumstances. Age of admission, 9 to 11 years. Period of residence, 5 years. The education embraces English, Latin, Greek, French, Mathematics, Natural Science, etc., etc. There are 200 Pupils, of whom 140 are resident. The Rev. Alexander Ogilvie, M.A., is House Governor and Head Master, assisted by 9 under-Masters.

ABBAT'S BROMLEY (*Staffordshire*), GRAMMAR SCHOOL. Founded 1606. Endowment, 20*l.* per annum, with house and ground free. Under the new scheme obtained from Charity Commissioners in 1863, the school and properties have been handed over to the School Board as a Public Elementary Day School. Head Master,

† ABERGAVENNY (*Monmouthshire*), FREE GRAMMAR SCHOOL. Founded 1543, by Henry VIII. Endowment, 207*l.* per annum. Instruction is given in Classics and English course to 20 boys, of whom 14 are foundationers, free for Classics only; average fees for scholars, 4*l.* each per annum. Two Exhibitions of 5*l.* each at Jesus College, Oxford, and a Fellowship and Scholarship at the same College, recently thrown open by Oxford University Commission. J. Webber, Head Master, and resident assistant Masters.

\* ABBEY WOOD (*Kent*), BOSTOL-HILL SCHOOL. A limited number of pupils of the higher classes taken at terms from 75*l.* to 100*l.* per annum, and prepared for the Public Schools. The curriculum consists of Religious Instruction, Greek (*optional*), Latin, French, English, History, Geography, Mathematics, Euclid, Algebra, Arithmetic, Elementary Vocal Music, Drill. Principal, Frederick Wood, with 2 resident and 4 non-resident assistant Masters.

ABERYSTWYTH (*Cardigan*), UNIVERSITY COLLEGE OF WALES. Founded 1872. Endowment now being formed. About 100 students attend, who are not admitted under the age of 15, and are instructed in Classics, Mathematics, Philosophy, Natural Science, Modern and Oriental Languages, Theology alone being excluded. There are several Scholarships and Exhibitions, ranging in value from 10*l.* to 40*l.*, and tenable for 3 years. The late Mr. P. Ellis Eyton, M.P., has left by his will 2,000*l.*, to found a scholarship for a North Wales boy, tenable at this College. The late Mr. Henry Parnall, of Bishopsgate, left 5,000*l.* for the general purposes of the College. Class fees, 10*l.* per session; rooms and board in the College, 30*l.* additional. Principal, the Rev. T. C. Edwards, M.A., late Scholar Lincoln College, Oxford, with nine Professors and assistant Masters. Registrar and Librarian, E. P. Jones, M.A. Professor of Greek, J. M. Angus, M.A.

ABERYSTWYTH, PEN-Y-PARKE SCHOOL. Founded 1846. Endowment, 26*l.* About 97 pupils are taught English, Latin, Mathematics, Drawing, and Music. Examinations once a year by H. M. Inspectors. G. H. Thomas, Head Master, with 3 assistant Masters.

**ABERYSTWYTH, ARDWYN SCHOOL** (*North Parade*). Pupils are prepared for Matriculation at the Universities, for the Scholarship Examination at the University College of Wales, for the Oxford and Cambridge Local Examinations, for the Medical and Law Preliminary Examinations, as well as for commercial pursuits. The school year consists of 3 terms, with vacations of about a month at Christmas, a fortnight at Easter, and six weeks in summer, from about the 24th of July. Terms, from 40 to 45 guineas per annum. Principal, the Rev. Llewelyn Edwards, M.A., Lincoln College, Oxford, assisted by competent Masters.

**\*\* ABINGDON** (*Berks*), **ABINGDON SCHOOL** (*1st Grade*). Founded 1563, by John Roysse, Citizen and Mercer of London, and rebuilt on a new site 1870. Endowment, about 580*l.* per annum. The administration of this foundation passes this year, under a new scheme, into the hands of a new governing body. Thomas Tesdale, the first scholar admitted into the school, and his nephew, William Bennet, were great benefactors: Tesdale endowed the ushership and Bennet established scholarships in the school. Tesdale's munificence also combined with Wightwick's aid to found Pembroke College, Oxford, that the scholars of Abingdon School might enjoy the benefits of the neighbouring University. Under the University Bill of 1854 the school still has 5 valuable Scholarships at that college. There are 12 governors, 2 *ex officio*, 6 representative, and 4 co-optative. The *ex officio* Governors are the Mayor and Recorder of Abingdon; of the representative Governors, 2 are appointed by the Town Council, 2 by the Master and Governors of the local Hospital of Christ, 2 by an electing body consisting of the Master of Pembroke College, Oxford, the Camden Professor of Ancient History and the Savilian Professor of Geometry in Oxford University. The 4 co-optative Governors are named in the scheme—Colonel Loyd Lindsay, M.P., Archdeacon Pott, Mr. J. S. Bowles, and Mr. J. T. Morland. At present there are about 75 boys, who are scholars, foundationers, private pupils, and boarders respectively. The aim of the school is to give an education at once economical and in harmony with modern requirements. The school has a senior and junior department, and is divided into Classical and Modern sides; the former prepares for the University, and Examinations where a knowledge of Greek is required; the latter for the Services and mercantile life. No boy may remain in the junior school after the age of 15 years. There is an entrance Examination. The instruction in the junior department comprises the usual English subjects, with Latin and one Modern Language; and in the senior department the same subjects, with the addition of Greek, advanced instruction in Mathematics, Natural Science, Modern Languages, and English Literature. The tuition fee varies with the department, and it is to be fixed within certain limits by the Governors, but it is not to exceed in any case 16*l.* per annum, nor the boarding fee 60*l.* The school-year has 3 terms. There are 12 Scholarships tenable in the school, and 5 Roysse Scholarships annually of 50*l.* at Pembroke College, Oxford, tenable for 5 years, with rooms. Preparation for the Oxford and Cambridge Locals. Head Master, the Rev. W. H. Cam, M.A., Scholar of New College, Oxford, and 4 resident assistant Masters, besides several visiting Masters.

**ABINGDON, THE ARMY COLLEGE.** The College is situated on the Thames, close to the Town of Abingdon, six miles from Oxford, and

within five minutes' walk of the Abingdon Station, Great Western Railway. Exclusively for preparing Militia Subalterns for the Military Competitive Examinations and Officers of the Army for Promotion Examinations. Work being carried on all through the year, Students are admitted at any time. Fees—for a term of 12 Weeks, 60*l.*; 1 month, 22*l.*; 1 week, 6*l.* Under the direction of Lt.-Colonel C. F. Colville, Graduate of the Staff College, and formerly Major of Brigade, Belfast District, and Captain J. Preston, 3rd Berks Regiment, assisted by Captain Stewart, late Royal Artillery, and Captain Festing, late 20th Regiment, resident.

ABINGDON, MILITARY COLLEGE, NORTHCOURT HOUSE. This College is entirely devoted to the subjects required for the preliminary and further Examinations, and in order to obtain the best results in Civil and Military study the two departments are kept quite distinct. The number of admissions are limited so as to ensure the requisite individual instruction of each student. Fees: 55*l.* per term of 3 months; by the month, 20*l.* No extras. Principal, J. L. Hasleham, M.A., assisted by a staff of able tutors.

ABTHORPE (*Northampton*). An elementary school under Government inspection. Founded by Jane Leeson in 1646. The Master must be the Vicar of Abthorpe. Endowment, 8*l.* Head Master, the Rev. S. C. Skeels, M.A.

\* † ACCRINGTON (*Lancashire*) ACADEMY. Pupils in this school are prepared for the University Local Examinations and commercial life. Principal, J. N. Haywood.

ACKWORTH (*Yorkshire, near Pontefract*), FLOUNDERS' INSTITUTE. Established 1848. Endowment, about 1350*l.* Pupils, who are all members of the Society of Friends, are instructed in Classics, Mathematics, Natural Philosophy, Chemistry, and Modern Languages. Special preparation for the B.A. degree of the University of London. Vacations, 11 weeks in the year. Principal, William Scarnell Lean, M.A. (Lond.), and a resident tutor.

ACKWORTH SCHOOL. Founded 1778, and primarily established for the education of children who are members of the Society of Friends; 170 boys receive a sound English education, and are also taught Classics, Mathematics, and Modern Languages. Terms for board and education, from 15*l.* to 40*l.* per annum, according to the circumstances of parents. 120 girls also attend for instruction. Superintendent, F. Andrews, B.A., assisted by a staff of Masters.

\* ADMASTON SPA (*Wellington, Salop*), THE COLLEGE. A well-known boarding school, in which pupils are prepared for the Universities, the Public Schools, the Oxford and Cambridge Middle-Class (in both of which they have been distinguished), the Legal Preliminary and Pharmaceutical Examinations, also for professional, commercial, or agricultural pursuits. The year is divided into 2 terms of 20 weeks each, and the holidays are at Midsummer and Christmas. Terms for boarders, from 35 to 40 guineas per annum.

*Note.*—This school is now closed: the premises were not fully adapted for scholastic purposes.



AIGBURTH (*Lancashire*). See LIVERPOOL.

ALBANS, S. (*Herts*). See S. ALBANS.

ALDENHAM (*Herts*), GRAMMAR SCHOOL (*1st Grade*). Founded 1597, by Richard Platt, alderman and brewer, of London. Participates, under a new scheme issued in 1875, with two Lower Schools and Almshouses in endowments of 4,000*l.* per annum. The subjects of instruction are: English, Latin, and Greek; French and German; Mathematics; History and Geography; Natural Science; Drawing; Vocal Music. The terms are 63*l.* a year for Boarders, viz.:—Board and washing, 16*l.*, Tuition, 5*l.*, a term. In cases of absence for a Term, the Tuition Fee and one-third of the Boarding Fee are chargeable. Extra tuition: Music, 3*l.* 3*s.*; Drawing, 1*l.* 8*s.* Sons of Freemen of the Brewers' company, made free before May 15th, 1875, are admitted at a total cost of 34*l.* a year, for Board, Washing, and Tuition. There are Ten Junior Platt Scholarships, of the average value of Thirty Pounds, tenable for three years, open to all Boys under fourteen years of age. Four Scholarships of the above value are awarded annually in July. The scheme has arranged for Ten Senior Platt Scholarships of the annual value of 60*l.*, tenable during residence at the School, open for competition to Boys already in the School, and between the ages of Fifteen and Seventeen. These will be awarded as the Income of the Trust allows. The sum of 450*l.* a year is placed at the disposal of the Governing Body for the formation of not less than three Exhibitions yearly, tenable at the Universities or other place of liberal election, or for the purpose of fitting the holder for some profession. The School has the advantages of a Swimming Bath, Cricket and Football Grounds, and a covered Recreation Ground. Candidates for admission must be ten years of age, of good health, of good character, and able to pass an Entrance Examination in Reading, Writing, the first four rules of Arithmetic, and the outlines of the Geography of England. The Rev. John Kennedy, M.A., Head Master, and several assistant Masters.

ALDERLEY EDGE (*Cheshire*), BEECHFIELD SCHOOL. The course of instruction includes the Latin and Greek Classics, with the usual subjects of an English education. French forms part of the daily school-work. Pupils are prepared for the different competitive examinations. Terms, day-scholars, 16 guineas per annum; boarders, 40 to 45 guineas per annum. Principal, Henry M. Keyworth, M.A., with assistant Masters.

\* ALDERLEY EDGE, LINDOW GROVE SCHOOL. About 50 boarders are specially prepared for the London Matriculation, University Locals, and other Examinations, and receive general education in English, Classics, Mathematics, and Modern Languages. Terms, from 48 to 60 guineas per annum. Principal, James Wood, with 3 resident Masters.

\* ALDRIDGE (*Staffordshire*), FREE GRAMMAR SCHOOL. Founded 1718. Endowment, 160*l.* per annum. Instruction to 70 boys in English and Latin, all free, excepting a small fee for writing. The Head Master is allowed to take 15 boarders, who receive instruction in the higher branches of Mathematics and Classics, and are prepared for the University Locals. P. Williams, C.M., Head Master, with a non-resident assistant Master.

\* ALFORD (*Lincolnshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL.



(*2nd Grade*.) Founded 1565, by Francis Spanning. Endowment, 373*l.* per annum, and a house. Education is given to 35 boys, nearly all foundationers, paying 25*s.* per annum. Has two Scholarships of 4*l.* yearly, and one Quinquennial Fellowship at Magdalen College, Cambridge. Pupils are prepared for the University Locals. Head Master, the Rev. Walter Wm. Hopwood, M.A., Pembroke College, Oxford.

ALDEBURGH (*Suffolk*), CRESPIGNY HOUSE. Established 1867. Preparation for Public Schools, etc. About 35 boarders are received. Vacations, 13 weeks in the year. Principal, the Rev. W. G. Wilkinson, M.A., Oxon, with assistant Masters.

ALLENDALE (*Northumberland*), BRIDESHILL GRAMMAR SCHOOL. Founded 1592. Endowment, 60*l.* per annum; is now merely a mixed Elementary Parochial School. A. Charlton, Head Master, with 3 assistant Masters.

ALLESLEY PARK (*Warwickshire*). See COVENTRY.

\* ALMONDBURY (*Yorkshire*), HUDDERSFIELD, KING JAMES I. GRAMMAR SCHOOL. Founded 1609. Endowment, 150*l.* per annum. At this Ancient and Royal Institution for the promotion of sound learning and religious education, young gentlemen are instructed in the Classical Languages, and Liberal Sciences, and other branches of useful knowledge, such as are fitted to qualify them for mercantile pursuits, or the learned professions, and are specially prepared for the University Locals. Terms, for day pupils, from 4 to 8 guineas; board, 40*l.* per annum. 40 scholars attend, 12 on the Foundation. Head Master, the Rev. F. Marshall, B.A., Camb., 38th Wrangler, 1868, and 4 assistant Masters.

ALNWICK (*Northumberland*), GRAMMAR SCHOOL. Foundation unknown, but believed to be Henry VI. A Bill is to be presented to next Parliament enacting *inter alia* that a minimum sum of 500*l.*, in addition to school fees earned, be paid annually by the Common Council on account of the School. Endowment, 13*l.* per annum only, but the Common Council of the Borough pay for Masters and all current expenses. About 300 pupils, the majority free, are instructed in Classics, Mathematics, Modern Languages, Natural Science, English, Drawing, and Music. Free scholars must be children of freemen of the borough. G. B. Airey, Esq., lately Astronomer Royal, was educated at this School. Head Master, Mr. Swainson, with 6 non-resident assistant Teachers.

ALRESFORD NEW (*Hants*), GRAMMAR SCHOOL. Founded 1696, by Henry Perin. Endowment, 52 acres of land, with house and schoolroom. Income, 75*l.*, with house. Instruction in Latin, French, and English course to 19 free scholars, and 14 day pupils at 4*l.* and 5*l.* per annum each. Head Master, W. Daphne, and assistant Masters.

ALSTON COLLEGE, LONGRIDGE, *near* PRESTON (*Lancashire*). The school provides a Classical, Mathematical, and Commercial Education of the highest order, on moderate terms, in conformity with the principles and doctrines of the Church of England. The management of the school is framed on the English Public School System, and the course of study comprises: Religious Instruction, Reading, Spelling, Writing, Arithmetic, Mathematics, History (Ancient and Modern), Geography (Mathematical, Physical, and Political), English Grammar, Composition and Literature,

Latin, Greek, French, German, Book-keeping and Commercial Correspondence, Chemistry (Theoretical and Experimental), Drawing (Free Hand, Mechanical, and Architectural), Painting in Water Colours, Mensuration, Land Surveying, and Levelling, Music (Vocal, Pianoforte, and Organ), Drilling and Swimming. Terms, for boarders with tuition, 50 guineas for sons of laymen, and 45 guineas for sons of clergymen. Boys are prepared for the Universities, including the Local Examinations, for the several Professions, for the Naval, Military, and Home and Indian Civil Services. Boys intended for mercantile pursuits receive special instruction in Book-keeping, Writing, and Arithmetic. Head Master and Principal, J. M. Abbott, F.E.I.S., A.C.P. (Honours).

ALSTON (*Cumberland*), GRAMMAR SCHOOL. Foundation unknown. Endowment, 46*l.* About 40 pupils receive a good English and Commercial Education, with Elementary Latin and French. Vacations, 7 weeks in the year. Head Master, George Davies.

† \* ALTON (*Hants*), COMMERCIAL SCHOOL. Preparation for University Local and other Examinations. Principal, Charles Stewart, Ph.D.

\* ALTON, EGGAR'S GRAMMAR SCHOOL. (*2nd Grade.*) Founded 1640. Endowment, 120*l.* per annum. This School has recently been reconstituted under a new scheme, the buildings have been enlarged, and now afford accommodation for 75 day-scholars and 25 boarders. The object of the school is to provide a sound, liberal, and practical education. In the case of boys intended for professions, it provides adequate instruction for the various preliminary examinations; and special attention is given to Writing, Arithmetic, and English Subjects, to meet the requirements of boys intended for commercial pursuits. Fees: the tuition fee for a boy under 12 years of age is 2*l.* 10*s.* a term; the tuition fee for a boy over 12 years of age is 3*l.* a term. Boarders: the payment for a weekly boarder, exclusive of tuition fees, is 30*l.* a year; the payment for a boarder, exclusive of tuition fees, is 35*l.* a year. Head Master, G. J. Poole, B.A., Cantab., with assistant Masters.

\* ALTON, OCKHAM MIDDLE-CLASS SCHOOL. Established at Ockham, in Surrey, in 1832; removed to Alton 1876. Pupils, of whom there are about 80 of both sexes, receive a sound English Education, and are taught Modern Languages and Latin, and are prepared for the Cambridge Locals. Terms, from 28 guineas to 32 guineas per annum. Head Master, Robert Royston, with assistant Masters.

ALSAGER, STOKE-ON-TRENT (*Chester*), GROVE HOUSE. Established 1860. The course of instruction includes Latin, Mathematics, Reading, Writing, English Grammar and Composition, Arithmetic, Book-keeping, History, Geography, and Natural Philosophy. Terms: for boarders, 30*l.* per annum; day-pupils, 4 guineas per annum. Vacations, 5 weeks at Christmas and Midsummer. Principal, F. H. Stonehewer, with 3 non-resident Masters.

\* ALVECHURCH, *near REDDITCH (Worcester)*, GRAMMAR SCHOOL. Founded in the year 1600. The pupils are carefully instructed in Classics, French, German, and Mathematics; also Reading, Writing, Arithmetic, English Grammar, History, Geography, Mapping, Practical Geometry, Mensuration, Surveying (Theory and Practice), Book-keeping, Singing, the usual Branches of a liberal and useful Education. Candidates are

also prepared for the Local and other Competitive Examinations. Terms for boarders are from 45*l.* to 55*l.* per annum. Head Master, Rev. J. D. Knipe, M.A.

† AMBLESIDE (*Westmoreland*), FREE SCHOOL. Founded 1723, by J. Kelsick. Endowment, 170*l.* per annum. Education for 116 free boys in English course, with elements of Latin, Drawing, and Surveying. Head Master, not yet appointed.

\* † AMERSHAM (*Bucks*), DR. CHALLONER'S GRAMMAR SCHOOL. Founded 1620, by the Rev. R. Challoner. Endowment, 155*l.* and house. Instruction in Classics, Mathematics, and English course, with French as an extra, to 20 boys, paying four guineas each per annum. Rev. M. J. Foxwell, B.A.

† AMESBURY (*Wilts*), ROSE'S FREE GRAMMAR SCHOOL. Founded 1677, by J. Rose. Endowment, 96*l.* per annum. Education for 18 boys, of whom 8 are free, and the others pay 4 guineas per annum each for instruction in English Commercial course. The Head Master is not yet appointed.

AMPTHILL (*Beds*), THE RECTORY. A few pupils of the higher classes are received and are prepared for the Public Schools, Universities, Army, etc. There are 3 terms in the year, corresponding with those at Eton. Inclusive terms, 200 guineas. Principal, the Rev. J. Wilmot, M.A.

ANDOVER (*Hants*), THE ANDOVER GRAMMAR SCHOOL. Founded 1569 by John Hanson. Endowment, 21*l.* with house and property. Ten Foundationers and about 50 others are instructed in Classics, Mathematics, English, and Modern languages. This school is conducted in strict accordance with modern requirements. Terms: for day-pupils, 6 to 12 guineas, and boarders, 40 to 60 guineas per annum; 10 Foundationers pay 2 guineas a year. There is 1 Exhibition, value 10*l.*, tenable for 1 year. Head Master, J. Welton, and 3 assistant Masters.

APPERLEY BRIDGE, near LEEDS (*Yorkshire*), WOODHOUSE GROVE SCHOOL. Established 1812, to educate sons of Wesleyan ministers. Reorganised 1875 as junior division to the higher school at Kingswood, near Bath. Instruction is given in Classics, French, Elementary Mathematics, and English, to 130 boys, all free scholars. 121 certificates, 94 in honours, had been obtained at the University Locals up to 1878. There are several Scholarships. Governor and Chaplain, the Rev. G. Fletcher.

APPLEBY GRAMMAR SCHOOL, ATHERSTON (*Leicestershire*). Founded 1697, by Sir John Moore. Endowment, 400*l.* This is a first grade school. Instruction in Classics, Divinity, English, French, and Mathematics. Boarders pay 45 to 50 guineas per annum each, day-boys pay a capitation fee of 6*l.* per annum each; 6 are free. University Examiners annually. Head Master, the Rev. W. S. Bamber, M.A., and several assistant Masters.

APPLEBY (*Westmoreland*), GRAMMAR SCHOOL. Founded 1574, by Queen Elizabeth. Endowment, 220*l.* per annum. Education to 60 boys, of whom 6 are free scholars, elected from the town by competi-

tion; other day-boys pay either 4 or 8 guineas per annum. Boarders are received. Has the right of competing with other northern schools for Hastings Exhibitions at Oxford, 90*l.*, and has 1 Exhibition of 40*l.* a year. Head Master, the Rev. C. Threlkeld, M.A., with 4 non-resident Masters.

APPULDURCOMBE. See ISLE OF WIGHT.

ARBROATH (*Forfar*), HIGH SCHOOL. Endowment, 100*l.* Instruction to 320 pupils, 8 being free, in Latin, Greek, French, German, Mathematics, and English. Terms, 1*l.* to 8*l.* per annum. Annual Examinations are appointed by the School Board. Rector, J. Ross, M.A., with 8 assistant Masters.

ARDINGLEY, S. SAVIOUR'S GRAMMAR SCHOOL, *near* HAYWARD'S HEATH (*Sussex*). Established in 1858, in connection with S. Nicolas College, Lancing. At this school accommodation is provided for about 480 boys, sons of poor gentlemen, tradesmen, and farmers, who are instructed in Mathematics, English, Latin, etc. The expenses of board and education are 15 guineas per annum. The Head Master receives boys in his dormitory on payment of 5 guineas per annum extra, and the Master of the North School on payment of 3 guineas per annum extra. 450 boarders are in attendance. A Scholarship at S. John's, Hurstpierpoint, for boys of this school. Head Master, the Rev. F. M. D. Mertens, M.A., Queen's College, Oxon; Master of the North School, Rev. F. K. Hilton, M.A., S. John's College, Oxon; Chaplain, the Rev. A. L. Lewington, M.A., Hertford College, Oxford, and 15 assistant Masters.

ARKENGARTH-DALE (*Yorkshire, N. R.*), GRAMMAR SCHOOL. Founded by John Bathurst, M.D., 1659. Endowment, 16*l.* per annum. It is now merely an Elementary English School. Head Master, H. Groves.

ARMAGH (*Ireland*), ROYAL SCHOOL. Founded 1627. Endowment, about 1200*l.* a year. Preparation for the Universities and higher competitive Examinations, to about 135 pupils, of whom 90 are boarders, and 10 free scholars. There are 2 Exhibitions of 40*l.* and 30*l.* per annum, each tenable for 5 years, at Trinity College, Dublin; 10 Royal Scholarships, 5 of 40*l.* and 5 of 30*l.* per annum each, also tenable for 5 years in Trinity College, Dublin; and 10 School Exhibitions of from 15*l.* to 25*l.*, tenable at school. Terms: for boarders 60, and day-pupils 10 guineas per annum. Head Master, the Rev. W. Moore Morgan, M.A., and 4 resident and 5 non-resident assistant Masters.

ASHBURNE (*Derbyshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded 1585, by Royal Charter of Queen Elizabeth. Endowment, 300*l.* Boys carefully prepared for the Universities, for the Civil, Military, and Naval Services, and for Professional and Commercial life. In addition to the ordinary Classical and Mathematical subjects of study in a Public School, attention is paid to English, Modern Languages, and Natural Science. No day-boys except Queen's Scholars taken, and not more than 30 boarders allowed to be received by any one Master. Natives of Derbyshire or Staffordshire have a preference accorded to them in the election to certain Scholarships and Fellowships. Terms: for day-boys, 3*l.*; boarders, 60*l.* a year. Head Master, vacant.



\* **ASHBURTON** (*South Devon*), GRAMMAR SCHOOL (3rd Grade). Founded temp. Queen Elizabeth, by H. Pomeroy and others. Endowment, 80*l.* per annum and house. Boys are prepared for the Universities, for the Medical and Legal Professions, for the Army and Navy, for the Civil Service, for the Professions of Architect and Civil Engineer, and for Agricultural and Commercial life. Under the Scheme of the Commissioners there will be 8 Scholarships, 3 of 6*l.*, and 5 of 8*l.*, held at the school itself; the 2 Scholarships of 36*l.* each, tenable for 5 years, at Exeter College, Oxford, for boys educated at the school. Vacations, 12 weeks in the year. Terms: for day-boys, 5 guineas per annum; and for boarders, from 35 to 40 guineas per annum. Head Master, J. Mortimer and 4 assistant Masters.

**ASHBY-DE-LA-ZOUCH** (*Leicestershire*), GRAMMAR SCHOOL (1st Grade). Founded 1567, by the Earl of Huntingdon and others, re-organised under a new scheme in 1877. Endowment, 1,200*l.* per annum. This Foundation includes two Schools, the Grammar, or "Latin," School, and an English School. These two are distinct in every way. New buildings for the Grammar School have been erected. The School course comprises two ancient and two modern languages, Mathematics, English, etc., etc. A Drawing Class, in connection with South Kensington, has been started. The scheme also provides for the teaching of Vocal Music, and of one Science at least. Terms from 40*l.* to 60*l.* per annum each. Free scholars are elected for their proficiency and general ability. Has 1 Exhibition of 50*l.* to Emmanuel College, Cambridge, tenable for 3 years. The new scheme allows the Governors to grant other Scholarships, both at School and College. There are at present two such held at Cambridge, and one at Oxford; besides four held in the School. Liberal grants, also, are made for prizes. Head Master, vacant, and 2 assistant Masters.

**ASHEN** (*Essex*), THE RECTORY. A few pupils received and prepared for the Public Schools, the Universities, and the Competitive Examinations, also for the English and Indian Civil Services. Terms: for boys under 14 years, 100 guineas per annum; over 14 years, 150 guineas. Principal, the Rev. W. J. Deane, M.A., of Oriel College, Oxford.

**ASHFORD** (*Kent*), THE GRAMMAR SCHOOL. Founded 1632, by Sir Norton Knatchbull. Endowment, 30*l.* per annum and house. Instruction in Classics, Mathematics, and Modern Languages, to 50 boarders, paying 30*l.* per annum each, and 50 day-scholars, paying 6 guineas per annum each. Examiners from Universities. Head Master, E. C. Musson, M.A., formerly assistant Master in Cheltenham College.

**ASHFORD, WYE COLLEGE**. The subjects of instruction are the Holy Scriptures and Book of Common Prayer, English Reading, Grammar, and Composition; Writing and Dictation; Arithmetic, Book-keeping, Mensuration, Euclid, and Algebra; Geography, History, and Latin. Holidays, 10 weeks in the year. Terms: for boarders, 24 to 28 guineas per annum each. Principal, J. Holmes.

† **ASHTON-IN-MAKERFIELD**, near WIGAN (*Lancashire*), SENELEY GREEN GRAMMAR SCHOOL. Founded 1588, by R. Byrehall. Endowment, 43*l.* per annum. Now provides elementary English instruction only. Head Master, M. Rowe.



\* ASHTON-UNDER-LYNE, ENVILLE PLACE SCHOOL. Forty pupils are prepared for the Professions and Competitive Examinations, and at the Oxford and Cambridge Middle Class, as well as for the Universities. Vacations, 10 weeks. Principal, the Rev. John Bleasdel, B.A.

\* ASHTON-UNDER-LYNE, STAMFORD TERRACE ACADEMY. Established 1829. The course of study includes all the branches of a liberal English education. Pupils are prepared for the Oxford or Cambridge Local Examinations, the Preliminary Examinations of the Pharmaceutical and Incorporated Law Societies, etc. There are about 115 pupils, of whom 30 are boarders, and 85 day-pupils. Terms: for boarders, from 30 to 35 guineas per annum. Vacations, 10 weeks in the year. Principal, Daniel F. Howorth, with 9 assistant Masters.

ASCOT (*Berks*), ST. GEORGE'S SCHOOL, SUNNINGHILL HOUSE. Established 1877, to prepare a limited number (not more than 40) of high-class pupils for the Public Schools. The nature of the education is Classical, Mathematical, and Modern, special attention being paid to Modern subjects. The study of Natural History is in every way encouraged, prizes being given for collections made during the summer school time. Terms, which are strictly inclusive, 150*l.* per annum. Vacations correspond with those at Eton. Principal, the Rev. Herbert W. Sneyd-Kynnersley, LL.M., Camb., with 3 resident and 1 non-resident assistant Masters. There is a Private Chapel, licensed by the Bishop of Oxford, and daily services are held.

ASPATRIA (*Cumberland*) AGRICULTURAL AND COMMERCIAL SCHOOL, BEACON HOUSE. Designed to secure a really good Middle-Class Education at a moderate cost. The course of study includes a thorough grounding in all the usual English and Commercial subjects; also in the Natural Sciences. The Latin and French Languages, and several other branches of Science, are included in the scheme of education. There are two entrance Scholarships of 5*l.*; a Scholarship of 10*l.*; a Scholarship of 5*l.* for those under 14; and the boys of this school may now compete for the Junior Exhibition of 20*l.* of the Royal Agricultural Society. Terms, from 37*l.* to 50*l.* Principal, W. C. Taylor.

ATHERSTONE (*Warwickshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded 1573; reorganized 1864. Endowment, 321*l.* per annum. The course of instruction comprises the Greek, Latin, French, and English Languages, with Mathematics. An alternative for Greek, (Physical Science) is provided for older boys. The religious instruction is in accordance with the Bible and Prayer Book. There are at present 10 Exhibitions, varying in value from 10 guineas to 30*s.*, and awarded by a Competitive Examination at Midsummer. Vacation, 12 weeks in the year. Terms, from 35 guineas to 45 guineas per annum. Head Master, the Rev. Smith W. Churchill, M.A., Camb., with 5 assistant Masters.

ATHLONE (*Ireland*), RANELAGH SCHOOL. At this school, which is endowed by the Incorporated Society, besides those who have gained the Free Scholarships, a limited number of pay boarders are received. The course of secular instruction embraces the various subjects of the programme of the Intermediate Education Board, for whose Examination the pupils are prepared, the school being an examination centre. Pupils are prepared for the Universities and for the Civil Service Examinations,

and also for the College of Surgeons, Solicitors' Apprentices, Bank Clerks, and other Competitive Examinations. Principal, Robert Baile, M.A., University of Dublin, and assistant Masters.

ATTLEBURG (*Norfolk*), GRAMMAR SCHOOL. Founded 1678, by the Rev. H. Nerford. Endowment, 21*l.* per annum. The funds are applied in aid of the Parochial School by the Rector, the Rev. W. C. Safford, who is the nominal Master of the Grammar School.

AUCKLAND, BISHOP (*Durham*). See BISHOP AUCKLAND.

AUDLEM (*Cheshire*), AUDLEM GRAMMAR SCHOOL. Founded A.D. 1642, by Thomas Gamull. Endowment, 40*l.* per annum, with house and garden. The School is divided into 3 sections, Preparatory, Commercial, and Classical, special attention being given to French. Terms: for day-boys, 8 guineas per annum; boarders, 40 guineas. Preparation for University and Professions, etc. Head Master, Herbert George Danson Tait, M.A., formerly Scholar of Lincoln College, Oxford.

AUDLEY, *near* NEWCASTLE (*Staffordshire*), THE GRAMMAR SCHOOL (*3rd Grade*). Founded 1611, by Edward Vernon and William Johnson. Endowment, 175*l.* The school has just been opened under the new scheme, and there is accommodation for 90 boarders. The system of education embraces English, Classics, Mathematics, Modern Languages, Science, and Drawing. Exhibitions: 1 in the shape of exemption from fees, 2 of 15*l.* a year, tenable for 3 years. Terms: for boarders, from 35*l.* per annum; for day-boys, from 3*l.* to 6*l.* per annum. Head Master, A. Grant, M.A., F.G.S.

\* AXMINSTER (*Devonshire*), OAK HOUSE SCHOOL. The system includes English, Mathematics, the Latin and French Languages, Music, Drawing, etc. The number of pupils is about 30 boarders, at terms from 22 to 26 guineas per annum, and 30 day-boys, at 4 guineas per annum. Boys have been successful at the University Local and College of Preceptors Examinations. Principal, John F. Cox, with 3 assistant Masters.

AYTON. See GREAT AYTON.

AYLESBURY (*Bucks*), ENDOWED SCHOOLS. Founded 1620, by Sir Henry Lee. Endowment, 600*l.* per annum. Instruction in Lower School to about 100 boys, sons of inhabitants (all free), in English course, and in Upper School to 50, at fees from 6*l.* 6*s.* to 8*l.* 8*s.* per annum out of town. Examiner appointed yearly by Trustees. Head Master, A. W. Howell, M.A. Oxon, and assistant Masters.

AYLSHAM (*Norfolk*), GRAMMAR SCHOOL. Founded 1517, by Robert Janmys. There are now no school buildings, and the endowment, 10*l.*, is paid to the National School.

AYNHOE (*Northamptonshire*), GRAMMAR SCHOOL. Founded 1654, by Mary Cartwright. Endowment, 20*l.* per annum, with house. Instruction to Foundationers free, and others on payment of 6*l.* to 8*l.* per annum each, in Classics, Mathematics, French, German, and English course. Has an Exhibition of 8*l.*, tenable at Brasenose College, Oxford. Head Master, Charles Davies.

AYR (*Scotland*), AYR ACADEMY. Established under its present name in the year 1796, includes and has superseded the old grammar school of Ayr, the existence of which can be traced as far back as the thirteenth century. In 1872 the Education Act placed it, as one of the Higher Class Schools of Scotland, under the management of the School Board of Ayr. Endowments (exclusive of fees), about 300*l.* per annum. Pupils from 6 years old to 16 are educated in English, Classics, Mathematics, Modern Languages. Fees from 1*l.* 2*s.* 6*d.* to 10*l.* per session. 450 pupils, of whom 12 to 16 boys are free. Vacations during July and August, and about a week at Christmas. Two Cowan Bursaries, of the annual value of about 30*l.* each, and tenable for 2 years, 1 at each of the Universities of Edinburgh and Glasgow, and 2 Edinburgh (Ayrshire) Patrick Bursaries, of the value of 100*l.*, and 50*l.* respectively, and 1 or 2 Bursaries, value 15*l.* or 20*l.*, 2 Ayrshire Browne Bursaries, in value nearly 20*l.*, and tenable for 4 years, are open in the same manner to all who have been born in Ayrshire. There are also numerous other prizes of books and medals. Rector, James Macdonald, LL.D., and 14 assistant Masters.

## B.

BAGSHOT (*Surrey*), THE VICARAGE. A few pupils prepared for the Army and Universities, at 200*l.* a year, by the Rev. Pendarves Lory, B.A., Oxon, assisted by a Wrangler and other Professors.

BAKEWELL (*Derbyshire*), LADY MANNERS' SCHOOL. Founded 1637, by Lady Grace Manners. Endowment, 15*l.* per annum, a rent charge. Instruction in Classics, Mathematics, and English course to 50 boys, of whom 20 foundationers pay one guinea, and the others from two to four guineas per annum. Head Master, Frederick Powell, F.R.G.S.

\* BALA (*Merionethshire*), GRAMMAR SCHOOL (3rd Grade). Founded 1712, by the Rev. Edmond Meyricke. Endowment, 170*l.* The education, which embraces English, Classics, Mathematics, and Modern Languages, is suited for boys intended for commercial life. Pupils are also prepared for the Middle-class Examinations. Ten per cent. of the Pupils are free, the rest pay 3*l.* per annum. There are 6 Exhibitions of 5*l.* per annum, tenable at the school. Head Master, J. C. Evans, B.A., late Powis Exhibitioner and Scholar of Jesus College, Oxford.

\* BALDOCK (*Herts*), THE COLLEGE SCHOOL. Established 1807. The system of education embraces thorough English, Latin, French, German, Music, and Drawing. Pupils are prepared for the Competitive Examinations. There are about 26 pupils, the terms for boarders being from 28 to 33 guineas per annum. The vacations consist of 13 weeks. Principal, J. Watts, M.R.C.P., assisted by Foreign and English Masters.

BALHAM. See LONDON, S.W.

BALLINASLOE ACADEMY, CLYMORE HOUSE. This school was established in 1854. The course of tuition embraces all the departments of a sound Classical, Commercial, and Mathematical Education, together with the French and German languages. Pupils from this Institution have also been invariably successful in Trinity College, Dublin; the Queen's University; Civil Service; Banks, etc. Head Assistant, J. J. C. Breakey, B.A., T.C.D.

**BALLYMENA (Ireland), THE INTERMEDIATE SCHOOL.** Founded in 1570, and established at Ballymena in 1824. Endowment, 175*l.* per annum. Education in Classics, Mathematics, English, French, and German, to boarders and day-boys. The pupils are at present distributed into four classes. Fees: boarders, 50 guineas per annum; day-boys, 4, 6, 8, and 10 guineas per annum. Vacations, 10 weeks. Head Master, the Rev. Robert King, A.B., T.C.D., and 2 assistant Masters.

† **BALLYROAN, ABBEYLEIX (Queen's County), THE ENDOWED SCHOOL.** Founded 1600. The course of instruction comprehends, Classics. Mathematics, English, and French, as required for the Universities and Civil Service Examinations, or for commercial pursuits. Terms: for resident pupils, 40*l.* per annum. Principal, J. B. Lyon, M.A., T.C.D., and resident assistant Masters.

**BAMPTON (Oxon) GRAMMAR SCHOOL.** Founded 1670. Endowment, 20*l.* per annum. Instruction in Classics and general English course. Day-boys paying 4*l.* per annum, boarders 30*l.* to 50*l.* Head Master, E. R. Farbrother, with assistant Masters.

**BAMPTON (Westmoreland) ENDOWED SCHOOL.** Founded 1693. Re-constituted under a new scheme 1876. The subjects of instruction in the upper department are, English Grammar, Composition, and Literature, and History, Elements of Geometry, and Algebra, Latin, Drawing, and Vocal Music. There are Scholarships of 5*l.*, and an Exhibition of the value of 30*l.* The terms are from 1*l.* 10*s.* to 4*l.* per annum for day-scholars. Head Master, T. Cox, with assistant Masters.

**BAMPTON. MEASAND-MARDALE ENDOWED SCHOOL.** Is in connection with the Bampton Endowed School, and enjoys part of the same charities and endowments.

**BANAGHER (Ireland), THE ROYAL SCHOOL ("Cuba College"),** Founded and endowed by Royal Charter, 4 Charles I., A.D. 1629. The course of instruction comprises, for commercial pupils—Penmanship, Spelling, Dictation, Arithmetic, Grammar, and English Composition, with *précis*, English History, Geography, Indexing, etc. For professional and University pupils: Latin and Greek Classics, with Composition, French, German, Spanish, Italian Language and Literature, grammatically and conversationally, Geography, Ancient and Modern History, Mensuration, Astronomy, Geology, Chemistry, Physiology, Plane and Spherical Trigonometry, Logic, etc., etc. This school has long been noted for the fame of some of its former students, viz., the late Bishop of Derry, Lord Rosse, and Sir W. Wylde. Prizes to the value of 10*l.*, and medals and certificates are given. There are 2 vacations in the year: 6 weeks at Midsummer, and 3 at Christmas. Terms: for boys under 12, 32*l.*; over 12, 36*l.* per annum. Principal, P. King Joyce, B.A., with numerous assistant Masters.

\* **BANBURY (Oxfordshire) ACADEMY.** Established 1797. The course of instruction includes Classics, Mathematics, Land-Surveying, Natural Science, Arithmetic, Book-keeping, and English. Preparation of 90 pupils, of whom 50 are boarders, for Oxford and Cambridge Local Examinations. Terms: 30 guineas, including board. Head Master, William Hartley, and 5 assistant Masters.



\* **BANBURY, ARK HOUSE SCHOOL.** Established 1854. The education is Classical, Mathematical, and Technical; special attention being given to the preparation of boys for the Local Examinations; 35 have passed up to end of 1873, 15 being in honours. Terms: for boarders, 35 to 40 guineas per annum. About 70 pupils attend. Principal, J. H. Beale, C.M., with 3 resident and 5 non-resident Masters.

† **BANDON (*Cork*) ENDOWED SCHOOL.** Endowment not known. Head Master, Thos. R. Courtenay.

**BANFF, BURGH PUBLIC SCHOOL.** There are several Bursaries and Prizes, and the Bursaries may be held for 6 years. Head Master, John Wilson, M.A.

**BANGOR (*Carnarvon*) FRIAR'S SCHOOL (1st Grade).** Founded in 1557, by Dr. Glynne. Endowment about 700*l*. The nature of the education given is upon the Public School system with a modern side. Greek, Latin, French, and German. The average number of Pupils is 150, at tuition fees of 10*l*. per annum. There is 1 annual Exhibition confined to the elementary schools. This school was closed for 7 years up to 1873, when it was re-opened, and has since become the largest school in the Principality. Head Master, W. Glynn Williams, B.A., with assistant Masters.

**BANGOR, THE NORTH WALES COLLEGE.** Lords Carlingford, Bramwell, and Mr. Mundella, the arbitrators as to the site of the proposed University for North Wales, towards which a Government grant of 4,000*l*. a year is promised, have selected Bangor as the town. About 30,000*l*. has been obtained in subscriptions collected chiefly from Carnarvonshire, Anglesey, Denbighshire, and Flintshire. The scheme, which is in great part based upon those of the Liverpool College, the College for South Wales, and the University College of Wales, Aberystwith, defines the object of the college to be to provide such instruction in all branches of a liberal education as may enable residents in the six counties of North Wales and elsewhere to qualify for degrees in arts, science, and other subjects, except theology, at the University of Wales (whenever such University shall have been constituted), or at any of the Universities granting degrees to non-resident students; to give such technical or other instruction as may be of immediate service in professional and commercial life; and, further, to promote higher education generally by providing for persons who are not matriculated students instruction in the form of lectures, combined with class teaching at such places and in such subjects as shall be determined from time to time by the statutes of the college. Female students are to be admitted to attend any of the courses of instruction established, subject to such restrictions and regulations as the statutes of the college may from time to time prescribe. The authorities of the college will be a president (the first to hold office for ten years), two vice-presidents, a court of governors, a council, and a senate. The full particulars of this new college will be given in a future edition of this work. The Head Master is not yet appointed.

\* **BANHAM (*Norfolk*), COMMERCIAL SCHOOL.** The course of studies embrace Scripture, General Reading, Writing, Dictation, Composition, Grammar, Geography, History, Painting, Drawing, Mapping, Arithmetic, Algebra, Euclid, Mensuration, Book-keeping, Chemistry, Land-Surveying



Latin, French, German, Italian, Music, and Dancing. Candidates are also prepared for the Cambridge Local, Kensington Art, and Civil Service Examinations. Terms: for day-boys, from 2*l.* 5*s.* to 4*l.* 10*s.*, and for boarders, from 21*l.* to 24*l.* per annum. Principal W. Cole and 5 assistant Masters.

BARDFIELD, GREAT (*Essex*), near BRAINTREE, BOARDING AND DAY-SCHOOL. The course of instruction comprises a thorough English education, with Music, French, and Drawing. The number limited to 10, under the age of 12. The terms are 24 guineas per annum, including board. Principal, T. Mace.

† BARNARD CASTLE (*Yorkshire*), STARTFORTH VICARAGE. 15 boarders and 15 day-boys educated in Classics, Mathematics, French, and Chemistry. Terms: boarders, 50 guineas per annum each; day-boys, 10 guineas. Vacations, 10 weeks. Principal, the Rev. John Brockbank, M.A., Vicar of Startforth.

BARNARD CASTLE (*Durham*), NORTH-EASTERN COUNTY SCHOOL. The Governors of this School are building premises for this School to accommodate 350 boys. Head Master, Rev. F. L. Brereton, M.A.

BARNES. See LONDON, S.W.

BARNET (*Herts*), QUEEN ELIZABETH'S SCHOOL (2*nd* Grade). Founded 1573. Endowment, about 500*l.* The school was re-constituted by the Endowed Schools Commissioners, under a scheme, dated 21st April, 1873, by which a large sum was provided for new grounds and building and a further annual endowment. The system of education is Classical, Modern, and Scientific. The school is divided into two parts—an upper and a lower school—both under the superintendence and control of the Head Master. Exhibitions are awarded at the annual Examination, giving whole or partial remission of tuition fees. Terms: for day-boys, 10 guineas; for boarders, 54*l.* Head Master, Rev. J. B. Lee, M.A., and 6 assistant Masters.

\* BARNET NEW, COWLEY SCHOOL. Established 1841. Removed from Cowley, near Oxford. Special preparation for the Universities, Army, and Civil Service Examinations, and for the various professions, and also for the University Locals, at which 114 boys from this school have been successful from 1858 to 1873. There are about 35 boarders. The fees for board and education are from 45*l.* to 60*l.* per annum. Vacations, 13 weeks in the year. Principal, Rev. E. W. Sandys Reed, M.A., with assistant Masters.

BARNET, HIGH. See LONDON, N.

BARNET, NEW: LYONSDOWN COLLEGIATE SCHOOL. Established 1878. Boarding and Day-school. The course of Education includes all branches of English and Mathematics, Natural Science, Latin, Greek, French, German, Book-keeping, and Music. Pupils have gained successes in College of Preceptors and other Examinations. Present numbers, 8 boarders, 42 day pupils. Fees for boarders, 30 to 50 guineas per annum. Day pupils, 6 to 12 guineas per year. Resident and visiting Masters. Vacation, 10 weeks in the year. School year divided into 3 terms of about 14 weeks in each. Principal and Head Master, Thomas Arthur.

BARNSELY (*Yorkshire*), GRAMMAR SCHOOL. Founded in 1660, by Thomas Keresforth, and again endowed in 1861. Endowment, 72*l.*, with house. The course of instruction includes English, Latin, Greek, French, and Land-Surveying. There is 1 Scholarship at either Oxford or Cambridge. Ten scholars, called "Locke Scholars," receive their education free. Vacations, 9 weeks in the year. Head Master for the present, Hugh de Spear. This school is now being reorganized.

† BARTON (*Westmoreland*) FREE GRAMMAR SCHOOL. Founded 1640, by D. G. Langbaine. Endowment, 100*l.* per annum. Instruction to 49 boys, all free, in Elementary English. Head Master, H. Parry.

† BARTON-UNDER-NEEDWOOD (*Staffordshire*) FREE SCHOOL. Founded by Thomas Russell, in 1593. Endowment, 28*l.* Connected with the Drapers' Company, London. This school is now carried on as Barton Board School. Head Master, Henry Hamilton.

BARNSTAPLE (*North Devon*) GRAMMAR SCHOOL. Date of foundation unknown. The object of the school is to provide a Classical, Mathematical, and general education of the highest order, on moderate terms. Vacations, 12 weeks. Bishop Jewell, and John Gay, the poet, were educated here. Head Master, Thomas Wainwright, with assistant Masters.

† BARROW-UPON-SOAR (*Leicestershire*) GRAMMAR SCHOOL. Founded 1717, by Humphrey Perkins. Endowment, 144*l.* per annum, with house. Instruction in Classics, French, Mathematics, and English course, according to studies. Fees, 1*l.* per term. There are 10 Scholarships of 2*l.* and 6 of 3*l.* a year, open to competition. Head Master, W. F. Asbridge, M.A., Oxon.

† BARROW-UPON-SOAR, RAWLINS'S SCHOOL. Founded 1691. Endowment, 26*l.* per annum and house. Instruction to 25 boys in Classics, Mathematics, and English course, of whom some are free, and others pay 2 or 4 guineas per annum each, according to their place in the school. This school is now closed for the present.

\* BARTON-ON-HUMBER (*Lincoln*), WESTFIELD SCHOOL. Pupils are prepared for the Cambridge Local and other Examinations. The syllabus of instruction embraces in the junior department: Reading, Writing from copies and dictation, Arithmetic, mental and written, the first outlines of Geography and Grammar, Natural History, Music. In the senior department: a more advanced course in the above subjects, including Euclid and Algebra, Natural Science, Latin, Greek, French, and German. Terms: for board and education, from 22 to 26 guineas per annum. Principal, A. Gibson.

\* BASINGSTOKE (*Hants*), THE QUEEN'S SCHOOL. Founded 1545, by Richard Fox and Lord Sandes. Instruction in English, Hebrew, Greek, Latin, Mathematics, French, German, Italian, Drawing, and Natural Science. Boys are specially prepared for the Army, Navy, Civil Service, and University Examinations. The Head Master receives boarders. Terms (including school fees), from 50 to 70 guineas per annum. Vacations, 10 weeks. Head Master, the Rev. H. Chadwick, M.A., late Head Master of Sudbury Grammar School, with assistant Masters.

**BASINGSTOKE, FLAXFIELD COLLEGE.** Established 100 years. There are 70 pupils in attendance, 20 being boarders, the object being to prepare Junior Pupils for Public Schools, the entrance examinations of the Legal, Medical, Naval or Military Professions, and for the Oxford and Cambridge Local Examinations. Terms for boarders, 30 to 50 guineas per annum, and a few extras. There is one Scholarship, value 25*l.* per annum. Head Master, Dr. Greenwood, M.A., London and Oxon.

**BASINGSTOKE, OAKLEY.** Prepares pupils for the Army, University, and Civil Service Examinations. Resident foreign tutor. A German officer, of practical experience and high qualifications, gives special instruction to Militia Officers in the subjects required for the Military Competitive. Principal, the Rev. J. Scott Ramsay, M.A.

**BATH (*Somersetshire*), SOMERSETSHIRE COLLEGE.** Founded 1858. Instruction is given similar to that of our best Public Schools; subjects, Classics and Mathematics, both to the highest standard of the Universities and Woolwich; History especially attended to; French, German, Natural Science, Drawing, to about 90 boys from 8 to 18 or 19 years, of whom about half are boarders, at from 50*l.* to 80*l.* per annum, and the rest day-pupils at from 12 to 18 guineas per annum. A modern side has recently been added, in which special attention is paid to English Literature and Mathematics. University Examiners. Vacations, 14 weeks. Head Master, T. M. Bromley, M.A., and 8 assistant Masters.

\* **BATH, COMPETITIVE COLLEGE.** Established 1857. Instructions in Classics, Mathematics, French, German, Drawing, and Physical Science. Pupils are also prepared for the Army, Navy, Cooper's Hill, London University, and the Local Examinations, at which latter they have been very successful, 24 having passed up to the end of 1873, 14 being in Honours. Head Master, T. W. Dunn, M.A., S. Peter's College, Cambridge, and 6 assistant Masters.

\* **BATH, KING EDWARD'S SCHOOL (*2nd Grade*).** Founded by Edward VI., in 1552. Endowment, 150*l.* and capitation fees. The course of instruction comprises the English, Latin, French and German Languages, and (if required) Greek; History and Geography, Mathematics, and the Principles of Chemistry, and Physical Science. Boys compete in the Oxford or Cambridge Local Examinations, or preparing for the Universities, or for appointments in any branch of the Civil Service. 4 Exhibitions have been established, tenable at the Universities. There are 3 vacations in the year, viz., the Easter, Summer, and Winter vacations. The tuition fees for pupils in the Senior Department are 9*l.* per annum; for pupils in the Junior Department, 6*l.* per annum. Head Master, the Rev. H. E. Sanderson, M.A., and 5 resident and 3 non-resident Masters.

\* **BATH, WESTON SCHOOL.** Established 1830. Instruction in subjects necessary for business pursuits are taught in this well-known school. Terms: 30*l.* per annum for board and education. Examiners from Universities, and pupils prepared for the Oxford and Cambridge Local Examinations, at which the school has been very successful, no less than 540 pupils having passed, 48 with Honours, up to 1880. Head Master, A. Browning, M.A., with a staff of resident assistant Masters.

**BATH, BATH COLLEGE.** Founded 1878. Instruction is given to 135

boys, 80 of whom are boarders, at 85*l.* per annum, in Classics, Mathematics, etc., preparatory for Universities, or the Army and Navy. University Exhibition of 50*l.* per annum, and Scholarships varying from 25*l.* to 85*l.* per annum, tenable for 2 years at school. Vacations, 14 weeks. Head Master, T. W. Dunn, M.A., Cambridge, and 8 assistant Masters.

**BATH, 10, LANSDOWN CRESCENT.** This is a Preparatory School for the sons of gentlemen, who are received as boarders only, and between the ages of 7 and 14. The number of pupils is limited to 30. Pupils are prepared for the Public Schools, and all the work of the School is directed to that end. The School has been established for 26 years, and is generally admitted to be one of the best Preparatory Schools in the neighbourhood. The terms range from 50 to 70 guineas, inclusive of all extras and other charges. Principal, S. F. Ellaby, M.A., St. Catharine's College, Cambridge.

\* **BATH (3, *Henrietta Street*) PESTALOZZIAN ESTABLISHMENT.** The School consists of three divisions: First, the Preparatory; Second, the Junior, conducted entirely on the Pestalozzian System; Third, the Senior, in which, in addition to the oral instruction peculiar to the system, home lessons are required from the pupils. The course of instruction includes Scripture, Lessons on Natural and Artificial Objects, History, Geography, Mathematics, etc. Terms for boarders, including education, 28 to 35 guineas per annum, each. Principal, F. J. Robinson, and assistant Masters.

**BATH, GROSVENOR SCHOOL.** Established 1849. For the complete preparation of pupils for the Universities, and for the various competitive Examinations. Classics and Mathematics are taught thoroughly, and great attention is paid to History and Geography, and the Modern Languages, Natural Science, etc. There are about 25 day-boys and 25 boarders. Terms: for day-boys, 18 guineas; for boarders, 60 guineas per annum. Principal, S. Edwards, with 2 resident assistant Masters.

\* **BATH, THE HERMITAGE SCHOOL.** This school provides a first-class liberal education for a limited number of pupils, sons of gentlemen, who are carefully prepared for the various public competitive Examinations, for the Universities, or professional life. The course of study embraces English, including the usual elementary branches, Geography, History, Composition, and Literature, Latin, Greek, Mathematics, French, German, and the elements of Natural Science. The School is one of the oldest in Bath, and has long maintained a distinguished reputation by the success of its pupils. A large number have passed into Woolwich and Sandhurst. The holidays are 13 weeks, from 3 to 4 at Christmas, about 2 weeks at Easter, and 7 weeks at Midsummer. Terms: for boarders, from 50 to 70 guineas per annum; day-scholars, from 12 or 20 guineas. Principal, John Webster, M.A., with 2 resident and othe assistant Masters.

\* **BATH, DEVONSHIRE PLACE SCHOOL.** Instruction in Classics, Mathematics, French, etc., to 24 boys. Day-pupils pay 6 to 12, and boarders 28 to 38 guineas per annum each. University Local Examinations. Vacations, 14 weeks. Principal, J. W. R. Henry, B.A., and 3 assistant Masters.

\* BATH (*Combe Down*) COMMERCIAL SCHOOL. The course of instruction comprises English, Mathematics, Arithmetic, Ancient and Modern History, Natural Science, and the elements of Latin. The terms are: for boarders, 20*l.* to 30*l.* per annum. Pupils prepared for the Oxford Local Examinations. Principal, C. F. Harril, with resident assistant Masters.

\* BATH, SOUTHCOT SCHOOL. Established 1862. The course of instruction comprises every branch of knowledge that is necessary to secure a strictly sound and liberal English education. Terms: boarders under 10 years, 35 guineas per annum; above 10, 40 guineas; daily pupils, 8 guineas per annum. Principal, William Silversides, with 1 non-resident assistant Master.

\* BATH, PORTWAY MIDDLE CLASS SCHOOL (*Weston*). Established 1837. This being strictly a commercial school, the whole course of instruction is specially designed to qualify youths for active business life. Terms: for boarders, 28 guineas per annum; day-pupils, 4 to 6 guineas per annum. Vacations, 1 month at Midsummer, and 1 at Christmas. Principal, James Knight, with assistant Masters.

BATH (*near*) MONKTON COMBE SCHOOL. Pupils are prepared for Oxford, Cambridge, the Highbury Divinity College, Woolwich, and the Indian Civil Service. Terms, for board and tuition, from 80*l.* to 100*l.* per annum. Clergymen's sons, 70*l.* to 80*l.* An Exhibition of 20*l.* is given to the best pupil at the Oxford and Cambridge Schools Examination. Principal, Rev. R. G. Bryan, M.A., Scholar of Trinity College, Cambridge. Vice-Principal, Rev. A. G. Gristock, M.A., Oxford, Vicar of Monkton Combe.

BATCOMBE (*Somersetshire*), BATCOMBE RECTORY, EVERCREECH, BATH. A limited number of high-class pupils prepared for the Army, Universities, or Diplomatic Service. Terms: from 150 to 250 guineas. Principal, Rev. W. C. Baker, M.A., Cantab.

BATHEASTON (*Somerset*), AVON HOUSE, MIDDLE CLASS SCHOOL. Established 1857. The course of instruction comprises Reading, Writing, Arithmetic, Algebra, Mensuration, Book-keeping, Euclid, Geography, History, English, French, and Latin, Grammar, Drawing, and Music. Number of Pupils, about 50. Terms: for boarders, 20 to 26 guineas; day-pupils, 2 to 4½ guineas per annum, according to age. Principals, Messrs. Dingle and Son, M.R.C.P.

BATLEY (*Yorkshire*) GRAMMAR SCHOOL (*2nd Grade*). Founded 1612, by the Rev. William Lee. Re-constituted under a new scheme 1874. Endowment, 200*l.* The nature of education is both Classical and Mathematical, special attention being given also to Natural Science. Provision is made under the new scheme for exemption from tuition fees, etc., by way of Exhibitions tenable at the school to a fixed number, one half of such Exhibitions to be competed for by boys of Batley, the others to be open. There will also be expended 150*l.* annually in Exhibitions tenable at the school or at some higher place of education from the Akroyd Scholarship funds; and the boys will be entitled to compete in conjunction with other endowed schools in Yorkshire for 2 Scholarships of the value of 75*l.*, tenable at Oxford or Cambridge, these latter being under the same Akroyd fund. Head Master, the Rev. Langton Calvert, M.A., Dublin, with assistant Masters.



BATTERSEA (*Surrey*). See LONDON, S.W. DISTRICT.

BAYSWATER. See LONDON, W. DISTRICT.

BEACHAMPTON (*Bucks*), ELMER'S SCHOOL. Founded 1625, by W. Elmer. Endowment, 70*l.*, with house and large garden. The nature of the education is thorough English, with Latin and French, to boarders, and to day-boys when required. All day-boys are free. Vacations, 7 weeks in the year. Brown Willis, the Historian, was educated at this school. Head Master, C. Willcock.

\* BEACONSFIELD (*Bucks*), BEACONSFIELD SCHOOL. On the Classical side pupils are prepared for the Public Schools, for Matriculation at any of the Universities, for the Preliminary Examinations of the Incorporated Law Society, the Royal College of Surgeons, Royal Veterinary College, Dental College, the Oxford and Cambridge Locals, and Royal College of Preceptors. On the Modern for Commercial pursuits, especial attention being given to French, German, and such subjects as are more particularly required in relation to Banks, Insurance, Railway, Shipping, Merchants', Stockbrokers', and other Offices. Sixty boarders only are received. No day-boys. School fees 5*l.* to 60 guineas per annum. The school is always full. Principal, Arthur Denman, assisted by a staff of resident and visiting Masters.

BEAMINSTER (*Dorset*), BEAMINSTER AND NETHERBURY GRAMMAR SCHOOL. This school is intended for the education of boys of the middle class, under a scheme approved by Her Majesty in Council, on the 1st April, 1881. There is a slight entrance examination. There are four school quarters in the year, the holidays being at Easter, Midsummer, Michaelmas, and Christmas, in all 10 weeks. Boys are prepared for the University Local Examinations. There are 6 scholarships awarded, such boys being called Foundation-scholars. The fees for day-scholars are 4*l.* to 5*l.* a year. Boarders are received by the Head Master, Chs. G. Parkes.

+ BEAUMARIS (*North Wales*) GRAMMAR SCHOOL, *Anglesea*. Founded 1603, by David Hughes. Endowment, 750*l.* per annum, with house. Instructions given in Classics, Mathematics, French, German, Drawing, etc., to 40 boarders and 15 day-boys. Boys prepared for Woolwich, India, and other Examinations. Terms: boarders, 55*l.* and 60*l.*; day-boys, 10*l.* 10*s.* per annum. Scholarships at Jesus College, Oxford, with 40 other Schools. House Exhibitions tenable at school from time to time. Examinations at Midsummer by Examiners from Universities. Vacations, 14 weeks. Head Master, Rev. Stephen D. Orme, M.A., T.C.D., assisted by 3 resident and 2 non-resident Masters.

BECCLES (*Suffolk*), FAUCONBERGE GRAMMAR SCHOOL. Founded 1710, by Dr. H. Fauconberge. Annual Endowment, 220*l.* Preparatory instruction for Universities, Public Schools, etc., in Greek, Latin, French, German, Chemistry, and Elementary Drawing, to 56 boarders and 16 day-boys. Terms: boarders, 40 to 50 guineas; day-boys, 10 guineas per annum each. University Examiners. Vacations, 14 weeks. Head Master, the Rev. J. H. Raven, M.A., late Scholar Jesus College, Cambridge, and 3 resident and 1 non-resident Masters.

BECCLES. SIR JOHN LEMAN'S FREE SCHOOL. Founded 1631. Endowment, 189*l.* 12*s.* The course of studies include Religious In-

struction, English Education, English Grammar, Composition, Geography and History, Mathematics, Surveying and Book-keeping, Elements of the Natural Sciences, Geometrical Engineering, Model and Architectural Drawing. All pupils pay a fee of 5s. per annum. Head Master, Henry Boyce, with one assistant Master. A new scheme is in preparation for this school.

BECCLES (*Suffolk*), MIDDLE CLASS SCHOOL. Pupils are prepared for the Oxford and Cambridge Local Examinations. A sound and liberal English education, including Classics and Mathematics, is given. Two Scholarships have lately been founded, of the value of 25*l.* and 15*l.*, for Seniors and Juniors respectively. Terms: for boarders, 18 to 24 guineas per annum. Principal, A. K. Hockey, with 4 assistant Masters.

BECKENHAM (*Kent*), THE ABBEY SCHOOL. This high-class School is intended for boys from 8 to 15, and was established in 1866 by the present Head Master. The premises have been from time to time so extended and improved that they now form one of the most complete and attractive private schools in England. The course of study corresponds with that of the Public Schools; and most of the boys proceed, when they are about 14, to one or other of those schools. During the last fourteen years boys have gone from this School to Eton, Winchester, Harrow, Charterhouse, Rugby, Marlborough, Westminster, St. Paul's, Merchant Taylors', Cheltenham, Clifton, Haileybury, Repton, Uppingham, Sherbourne, Tonbridge, and the Oxford Military College. Scholarships have also been gained at Charterhouse, Westminster, Marlborough, Wellington, Fettes College (Edinburgh), and elsewhere. Holidays the same as at the Public Schools. Terms, 100 guineas. Principal, Rev. T. Lloyd Phillips, M.A., F.S.A., with resident Masters. See also Index to Appendix A.

BECKENHAM, "FAIRVIEW," BAYNE ROAD. The course of instruction, based upon the Holy Scriptures, embraces the Greek, Latin, French, and German Languages, Algebra, Geometry, Mensuration, Book-keeping, Drawing, and the usual branches of an English education. Terms: Boarders, under 12 years of age, 45 guineas per annum, and a few extras. The course of study is divided into three terms, the first extending to end of April, the second to August, the third to Christmas. Principal, Mr. Septimus Ellis.

BEDALE (*Yorkshire*). BURNESTON SCHOOLS have been for some years "National Schools." The Bedale Grammar School has an endowment of 20*l.*, and the Burneston Schools of 25*l.*, per annum. Mistress, Miss S. A. Hudson.

BEDFORD (*Bedfordshire*), BEDFORD GRAMMAR SCHOOL. See "Public Schools," Part V.

\* BEDFORD, MODERN SCHOOL, HARPUR'S FOUNDATION (2*nd* Grade). This school participates in the same endowment as the Grammar School, and to the same extent. It was founded in 1556. The course of studies comprise Religious Knowledge, including Scripture History, Evidences of Christianity, etc., Latin, French, German, Mathematics, Natural Science, Political Economy, English History, Geography, Vocal Music, Perspective, Geometrical, and Freehand Drawing. Special attention is given to Spelling, Handwriting, and English Composition. Number of

Pupils, about 430, at fees from 4*l.* to 9*l.* for day-boys, from 50*l.* to 60*l.* for boarders. There are 2 Exhibitions annually, of the value of 55*l.* and 45*l.* a year, tenable for 3 years. This school is of a thoroughly modern character, great attention being given to Mathematics, Modern Languages, and Natural Science. Head Master, the Rev. R. B. Poole, B.D., Oxon, with 21 assistant Masters, all resident.

**BEDFORD COUNTY SCHOOL.** Opened August 18th, 1869. Founded by the Landed Proprietors of the County and others, for providing a first-class education at a moderate cost. President, Earl Cowper. Higher Mathematics, Latin or German, and Natural Science are taught in the senior classes. The study of Greek is voluntary for the highest forms. Book-keeping, Land-Surveying, and Levelling, Agricultural Chemistry. There is accommodation for about 300 boys. There are two Scholarships called "Cowper Scholarships," of 12*l.* a year each, and tenable for 2 years. There are also other Exhibitions, and numerous prizes. Terms, 40*l.* per annum for board and education. Head Master, Thomas Henderson, M.A. Cantab., with 10 resident and 2 non-resident Masters.

**BEDFORD, PREPARATORY SCHOOL FOR THE SONS OF GENTLEMEN, 7 AND 8, PRIORY TERRACE.** The course of instruction embraces English, Latin, French, German, Mathematics, Drawing, Music, and Drill. Unusual advantages for French. Fees, 40 to 60 guineas per annum. Eight boarders and fifty day-scholars. Principal, A. Schoedelin.

**BEDFORD, PREPARATORY SCHOOL.** A limited number of young gentlemen are prepared for the Public Schools. Terms, 50 guineas per annum for board and education. Principal, Mrs. Lester.

**BEEES, S. (Cumberland).** See "Theological Colleges," page 353, and S. Bees.

**BEETHAM (Westmoreland) GRAMMAR SCHOOL.** Founded 1500. Endowment, 32*l.* per annum. Instruction to 53 boys (all free) in Classics, paying 26*s.* per annum for Writing and Arithmetic. Head Master, not yet appointed.

**BELFAST, QUEEN'S COLLEGE.** The present constitution, government, and organization of the three Queen's Colleges are given fully on page 204. Students, Matriculated or Non-Matriculated, may attend any class or classes on payment of the ordinary College and Class Fees. The Matriculation Examination takes place at the commencement of the First Term, on the days fixed in the Calendar. Matriculated Students of the Royal University of Ireland will be admitted as Matriculated Students of this College. School of Engineering.—Subjects of Matriculation Examination: English Grammar and Composition; Outlines of Modern Geography; Mathematics, same as for other Matriculated Students. Fees: Matriculation Fee, 10*s.* (this fee is not required from students admitted *ad eundem*); College Fee, payable by every Student (Matriculated or Non-Matriculated), 10*s.*; Class Fees, each Course of Lectures, except those noted below, 2*l.*; each re-attendance, half fee. Practical Chemistry, 1st course, 3*l.*; re-attendance, 3*l.* Anatomy and Physiology, 1st course, 3*l.*; re-attendance, 2*l.* Practical Anatomy, 1st course, 3*l.*; re-attendance, 3*l.* Honor Lectures, 1st course, 2*l.*; re-attendance, 2*l.* Faculty of Arts.—The Course of Study for Students in the Faculty of Arts extends over

three Sessions. Diploma of Associate.—A Student in Arts, who has received the Sessional Certificate for three Sessions, shall be entitled to the Diploma of Associate of Queen's College, Belfast. Junior Scholarships in Arts.—Thirty Junior Scholarships have been founded in the Faculty of Arts of the annual value of 24*l.*: ten tenable by Students of the first year; ten by students of the second year; and ten by students of the third year. Engineering Scholarships.—Five Junior Scholarships have been founded in the School of Engineering; annual value, 20*l.* each. Medical Scholarships.—Eight Junior Scholarships have been founded in the Faculty of Medicine; annual value, 25*l.* each. Law Scholarships.—Three Junior Scholarships have been founded in the Faculty of Law; annual value, 20*l.* each. Senior Scholarships.—Eight Senior Scholarships, value 40*l.* each, tenable by Graduates in Arts who have attended in one of the Queen's Colleges the prescribed Courses of Lectures and Examinations in Arts during three Sessions (of which one at least has been attended in Queen's College, Belfast), and has complied with such further conditions as the Council prescribe. One of these is limited to Students who shall have completed the course of legal study prescribed for the degree of LL.B. Pakenham Scholarships.—Two Scholarships, of the annual value of 25*l.* each, and tenable for two years, have been founded in this College. Sullivan Scholarships.—Three Scholarships, to be called the Sullivan Scholarships, are founded under the will of Dr. Sullivan, in this College, tenable for three years, and of the annual value of about 40*l.* A Porter Scholarship, value 50*l.* and tenable for two years, will be awarded each year. Royal Academical Institution.—Two Exhibitions of 5*l.* each are conferred annually upon Students from this Institution who have taken the highest places in the Literary and Science Divisions, at the Examination for Scholarships of the First Year. Dunville Studentships.—Two Studentships have been founded by the late William Dunville, Esq., each tenable for two years, and of the value of 45*l.* for the first year, and 100*l.* for the second year. President, Rev. Josias L. Porter, M.A., D.D., LL.D., D.Lit., and a staff of 20 Professors; Registrar, John Purser, M.A., D.Sc.; Bursar, John Wylie, Esq.; Librarian, A. L. Meissner, Ph.D.

BELFAST (*Antrim*), BELFAST ACADEMY. Founded 1785. Endowment, just released from Chancery, worth 600*l.* per annum nett. Instruction to 200 boys in English, Classics, Mathematics, and Modern Languages, in four Schools or Departments, payment for each of which is from 6 to 12 guineas for instruction per annum, and of 42 guineas per annum for board and washing. Principal, W. F. Collier, LL.D. Trin. Coll., Dublin.

BELFAST ROYAL ACADEMICAL INSTITUTION. Founded 1810. The system of education embraces English, Classics, Mathematics, and Modern Languages. The number of Pupils in attendance is 300. Fees vary from 3*l.* to 20*l.* per annum. The following Exhibitions, annexed to this Institution, are awarded to Pupils who enter Queen's College, Belfast:—One "Sullivan" Scholarship every third year, value 40*l.* per annum, tenable for 3 years; the "Tennent" Exhibition of 5*l.*; the "Drennan" Exhibition of 5*l.*; the "Porter" Exhibitions, two of 25*l.* each. Secretary, Adam Duffin; Classical Master, Robert Steen, Ph.D.; Mathematical Master, R. C. J. Nixon, M.A.; English Master, John Carlisle, M.A.;



Modern Languages Master, Robert Dods, B.A. ; Natural Science Master, Henry Burden, M.D. ; Writing Master, John H. Howell. These Masters form a Board.

\* **BELPER** (*Derbyshire*) **COLLEGIATE SCHOOL**. Established 1830. Instruction in Latin, French, Mathematics, and English, to 28 boarders and 12 day-boys. Pupils are prepared for the College of Preceptors and University Local Examinations, at which they have been very successful, 35 having, up to 1873, gained certificates, 6 with honours. Vacations, 13 weeks in the year. Principal, W. B. Anthony, with 2 resident Masters.

**BENGEO** (*Herts*) **SCHOOL**. Established 1869. A high-class preparatory school for Haileybury and the other Public Schools. About 60 boys are admitted from 8 to 12 years of age. Terms: 100 guineas per annum. Head Master, the Rev. C. J. Marshall, and assistant Masters

† **BENTHAM** (*Yorkshire*) **GRAMMAR SCHOOL**. Founded 1726, by W. Collingwood, Endowment, 150*l*. Instruction in Mathematics, Latin, Rudiments of Greek, etc., but chiefly in preparing for commercial pursuits. There are about 100 pupils, 90 of these are day-pupils, and entirely free, the others are boarders. Head Master, John Wilson, and an assistant Master.

\* **BERKHAMPSTEAD** (*Herts*), **KING EDWARD VI.'S SCHOOL** (*2nd Grade*). Founded 1544. Annual Endowment, 1,550*l*. The course of studies comprises Latin, French, German, Natural Science, Drawing, Singing, Greek, etc. The number of pupils in attendance is 140, at fees from 6*l*. to 12*l*. ; boarders 45*l*., and educational fee 6*l*. There are two "Brownlow" Exhibitions of 60*l*. each, tenable for 4 years. There are also other Exhibitions in the school, of the annual value of 300*l*., besides exemption from school fees. Vacations, 13 weeks in the year. Head Master, the Rev. E. Bartrum, M.A., Oxon, and 7 assistant Masters. This school is about to be enlarged; at present it is full, and boys' names must be entered for admission.

\* **BERWICK-ON-TWEED** (*Durham*). Founded 1605. Endowment, 150*l*. Instruction is given in Classics, Mathematics, English, French, German, Natural Philosophy, Logic, and Drawing. There are 42 scholars, of whom the sons of freemen of Berwick pay half-terms. Annual fees, 5 to 8 guineas each, and boarders pay 40 and 50 guineas each. There is an Exhibition of 8*l*. 8*s*., tenable for 2 years. Yearly Examinations. Vacations, 12 weeks. Head Master, Rev. W. Gibson, M.A., with several assistant Masters.

**BEVERLEY** (*Yorkshire*), **HIGH SCHOOL**. Time of foundation unknown, but it existed in the reign of Henry VIII. Endowment, 10*l*. per annum. Has 3 Exhibitions of 6*l*. 13*s*. 4*d*. per annum each, 2 of 8*l*., 1 of 10*l*., 1 of 6*l*., and 1 of about 25*l*. Only pupils born in Beverley can hold them. This school is now in a transition state, and will soon be opened under a new scheme. Head Master, vacant.

\* **BEWDLEY** (*Worcestershire*) **GRAMMAR SCHOOL**. Founded by letters patent of King James I., A.D. 1606. Endowment, 130*l*. The pupils are prepared for the Universities, Professions, and Mercantile and Agri-



cultural pursuits, and receive a sound general English Education, together with Latin, French, Greek, or German, Mathematics, Land-Surveying, Book-keeping, Drawing, and Natural Science. There is a School Laboratory, provided with proper apparatus for the practical study of Chemistry and Physics. Pupils are sent in for the University Local Examinations, and for the Examinations of the Department of Science and Art, South Kensington. Terms: for day-boys on the foundation, 4 guineas per annum. Boarders are received by the Head Master and second Master. Head Master, the Rev. John Burton, B.A., F.G.S., with several assistant Masters.

**BEXLEY HEATH, FAIR VIEW SCHOOL.** The course of instruction comprises English subjects, Book-keeping, Arithmetic, Mathematics, Drawing, French, and Latin. Terms: for day-boys, 4*l.* 4*s.* to 6*l.* 6*s.*; boarders, 24*l.* 10*s.* to 40*l.* per annum. Principal, W. Parkes.

**BICESTER (Oxfordshire), RUTLAND HOUSE.** A limited number of pupils prepared for the Public Schools. Terms: 80 to 120 guineas per annum. Principal, Rev. C. Impey Long, M.A.

**BIDDENDEN (Kent), GRAMMAR SCHOOL.** Founded in 1522, by William Mayne. Endowment, about 20*l.* per annum. Has long been converted into a National School.

\* **BIDEFORD (North Devon), THE CLASSICAL AND MATHEMATICAL SCHOOL.** Established 1863. Education in Classics, French, and English. Boys specially prepared for University and other Examinations. Terms: 30 to 32 guineas per annum for boarders. Principal, W. J. Jeffery.

† **BIDEFORD COLLEGE AND GRAMMAR SCHOOL (North Devon) (2nd Grade).** Founded 1589. Endowment in lands and money, 100*l.* per annum, the house large and spacious, and the School, which has not been long open under its present form, is rapidly filling. Day-boys pay 9 to 14 guineas per annum. Boarders pay from 60 guineas per annum, including school fees. The number of boys at present is 30. Army, Medical, Law, Preliminary, and University Examinations. Classics, English, French, Drawing, Science, and Mathematics, from the School course. Head Master, Rev. W. Mathias, M.A., with 2 resident and 3 visiting Masters.

**BIDEFORD, WESTWARD HO ! KINGSLEY COLLEGE.** See WESTWARD HO ! Part VIII., and Index to Appendix A.

**BICKLEY (Kent), AMESBURY HOUSE.** This school was established and conducted at Reigate for 7 years, whence it was removed to Bickley in 1877. It is preparatory to the Public Schools. No pupil is allowed to remain after he is 15. Terms: 80 to 120 guineas per annum; 33 boys only are received. Principal, Rev. E. Fowle, M.A., with assistant Masters.

**BICKLEY, BICKLEY SCHOOL.** Established 1865. Instruction in Classics, Mathematics, and all branches of an English Education; French and German; special preparation for the Public Schools, Civil Service, etc. Terms, 50 to 100 guineas inclusive, according to age and requirements. Principal, J. Chamberlain, with 3 assistant visiting Masters.

\* **BIGGLESWADE (Bedfordshire), MEAD HOUSE SCHOOL.** Pupils are

educated at this school for the Professions and Commercial life, and prepared for the University Local and other Examinations, 62 having passed, 13 in honours, up to 1873. Boarders as well as day-pupils are received at moderate terms. Principal, F. W. Conquest, B.A., with resident assistant Masters.

**BILLERICAY** (*Essex*), GRAMMAR SCHOOL. Founded 1684. Endowment, 100*l*. The subjects of instruction are the English, Latin, Greek, and French Languages and Literature, Mathematics, and Drawing, Astronomy, Land-Surveying. Pupils are prepared for any Examination they may be required to pass. Ten pupils are free; the rest paying from 6 to 9 guineas a year, boarders about 50*l*. a year. Head Master, H. F. Robertson.

\* **BINGLEY** (*Yorkshire*), GRAMMAR SCHOOL (*2nd Grade*). Founded 1529. Endowment, 800*l*. Subjects of instruction, Mathematics, Natural Science, the Latin Language and Literature, French, and German. The higher forms are prepared for the Cambridge Local Examinations, and for Matriculation at London University. The fees for board and instruction are 39*l*. per annum. The year is divided into 3 terms. Head Master, John Sutcliffe, B.A., with assistant Masters.

**BIRCHINGTON-ON-SEA**, *near RAMSGATE AND MARGATE* (*Kent*). QUEX PARK COLLEGIATE SCHOOL. This School is in union with Trinity College, London, and pupils are prepared for Professional or Mercantile life. The course of studies embraces all that is necessary for a liberal Education. The scholastic year is divided into three terms of about 13 weeks each. The fees for board and tuition range from 35 to 40 guineas each. Principal, A. T. Gledhill, Trinity College, London. See Appendix A.

**BIRKDALE**. See **SOUTHPORT**.

\*\* \* **BIRKENHEAD SCHOOL**. Established 1860. The course of studies includes Greek, Latin, French, German, English, Mathematics, Natural Science, Music, and Drawing. Number of pupils, 150, of whom 45 are boarders, at fees from 78*l*. to 86*l*. per annum; the rest day-boys, at fees from 18*l*. to 26*l*. per annum. One Exhibition vacant annually of 20*l*., tenable for 3 years. Head Master, vacant, with 7 assistant Masters.

\* **BIRKENHEAD, HOLT HOUSE SCHOOL**. Established 1863. The course of instruction is the English, Latin, Greek, and French Languages. Vacations, 10 weeks in the year. Terms, for boarders, 30 to 40 guineas; day boys, 4 to 7 guineas per annum. Principal, Charles Freeman, and 5 assistant Masters.

**BIRMINGHAM, KING EDWARD'S SCHOOL**. See **PUBLIC SCHOOLS**, Part V.

**BIRMINGHAM, BIRMINGHAM AND EDGBASTON PROPRIETARY SCHOOL**. Established 1838. The object of this school is to afford an education of the highest order, uniting a liberal Classical and Mathematical training with the study of the Modern Languages and the Natural Sciences. The course of study is so arranged that pupils are prepared for the Universities and the Professions, and for Mercantile pursuits. German and

French are systematically taught. Drawing (Freehand and Mechanical) is included in the regular work of the school. A Laboratory, with sufficient apparatus, is provided. The Middlemore Exhibition of 50*l.* a year is tenable for three years, at British or Foreign Universities. The fees are from 4 to 8 guineas a year. The Head Master receives Boarders at 60 guineas per annum. Vacations, 13 weeks in the year. Head Master, the Rev. G. Smith, B.A., S. John's College, Camb., 10th Wrangler, First Class Moral Sciences Tripos, and 8 assistant Masters.

**BIRMINGHAM, BOURNE COLLEGE, SUMMER HILL.** Established 1876. This is a Primitive Methodist School. The education is suited for boys intended for a Commercial life, and includes Latin, Greek, French, and German. There are about 50 boarders, at fees from 25*l.* to 34*l.* per annum. Vacations, 10 weeks in the year. Rev. G. Middleton, Governor and Chaplain. R. G. Heys, Head Master, and 5 assistant Masters.

\* **BIRMINGHAM, BIRCHFIELD HIGH SCHOOL.** Established 1874. The subjects of study are, English in all its branches, Latin, French, and German, Mathematics, Arithmetic, Sciences; for the practical teaching of Chemistry the school now possesses a Laboratory; Drawing. Boys are prepared for the Oxford and Cambridge Local Examinations, etc. There are about 150 pupils, all day-boys, at fees from 4½ to 12 guineas per annum. Vacations, 9 weeks in the year. Principal, E. Mundye, assisted by 10 trained Teachers.

\* **BIRMINGHAM, MIDLAND COLLEGIATE SCHOOL, EDGBASTON.** Established 1874. The course of instruction embraces English, French, Latin, German, Italian, Spanish, Greek, Hebrew, and Mathematics, etc. More than eighty of the pupils of this school have passed the London University, the Civil Service, Oxford Middle Class, the Royal College of Surgeons, the Pharmaceutical, Divinity, and various competitive examinations. Terms: for day-boys, 9 to 18 guineas; boarders, 36 to 54 guineas per annum. Principal, John Slack, B.A., with 3 assistant Masters.

\* **BIRMINGHAM, PORTLAND HOUSE SCHOOL, SOHO HILL.** Established 1857. The system of education is based on the University Local Examinations, special attention being given to Science. Pupils are also prepared for the Preliminary Law and Medical Examinations, the Government Science and Art Examinations, and for Matriculation at London University, at which, up to 1873, 28 have obtained certificates. There are about 80 pupils, at terms, for day pupils, 8 guineas; boarders, 30 to 40 guineas per annum. Principal, T. C. Lowe, B.A., London, with 3 resident and 1 non-resident Master.

**BIRMINGHAM, PEMBINA HOUSE, 1, CHARLOTTE ROAD, EDGBASTON.** Preparatory School for young gentlemen who are prepared for the Public Schools and the College of Preceptors' Examinations. The year of study is divided into three terms, commencing in January, April, and September. Fees: from 40 to 50 guineas per annum. Principals, the Misses Brown.

\* **BIRMINGHAM, PENRHYN HOUSE SCHOOL, MONUMENT ROAD, EDGBASTON.** The course of instruction embraces all the subjects required for the Oxford and Cambridge Local Examinations, as well as for the Professions. Terms, from 35*l.* to 40*l.* per annum for boarders; 6 to 10

guineas per annum for day pupils. Principal, W. D. Nicol, B.A., assisted by competent Masters.

\* **BIRMINGHAM, CAMBRIDGE HOUSE SCHOOL, EDGBASTON, near BIRMINGHAM, 120, HAGLEY ROAD.** Established 1843. The nature of the education is suited for those intended for the Universities, Professional, or Commercial life, and includes Latin, Greek, French, and German. Pupils are also prepared for matriculation and for the University Locals, at which they have had great success, 22 having passed up to 1873. Terms, 40 to 45 guineas per annum. Principal, Frederick Ewen, with assistant Masters.

**BIRMINGHAM, UPPER WITTON, WITTON HALL. PREPARATORY SCHOOL.** The course of study is adapted to prepare boys for their entry into the great Classical or Commercial Schools of England. The Oxford and Cambridge Local Examinations are kept in view, and the older boys study the various subjects chosen for such Examinations. The principal subjects of instruction are—English, including Grammar, History, Geography, Reading, Arithmetic, and well-formed and rapid Writing; the French and Latin Languages—the Grammar being especially dwelt upon. Terms: 40 to 45 guineas per annum. Principal, Frederick G. Tompkins.

**BIRSTALL (Yorkshire), COMMERCIAL SCHOOL.** Education in general English course, with Latin, French, Chemistry, and Natural Philosophy. to 80 boys, of whom boarders pay 40 guineas, and day pupils 6 to 8 guineas per annum. Principal, J. Patchett, F.R.A.S., assisted by qualified Masters.

\* **BISHOP AUCKLAND (Durham), THE GRAMMAR SCHOOL OF KING JAMES I. (2nd Grade).** Founded 1604. by Royal Charter. Endowment, 69*l.*, with house. The system of instruction is Classical and Mathematical, special attention being also given to Natural Science and Modern Languages. Number of pupils 100, of whom 6 are on the Foundation. Terms, for boarders, are 40 to 45 guineas; day-boys, 7*l.* to 12*l.* per annum. The school is the centre of the Cambridge Local Examination. Head Master, E. K. Limoclan, B.A., London, with competent assistant Masters.

\*\* \* **BISHOP'S STORTFORD (Herts), BISHOP'S STORTFORD SCHOOL.** Founded 1579. Endowment, 10*l.* per annum. The regular course of instruction is as follows: Religious teaching in conformity with the Church of England, the Greek, Latin, English, French, and German Languages, Pure and Applied Mathematics, Land-Surveying, Book-keeping, History, and Geography. There is an open competitive Examination for two Senior and two Junior Scholarships, of the annual value of 15*l.* and 12*l.*, for day boys, or 30*l.* and 21*l.* for boarders. Examiners appointed by the Universities of Oxford and Cambridge officially inspect and examine the school annually. The pupils have been very successful at the Local Examinations, 44 having gained certificates, 36 of which were with honours, up to 1873. The fees for day-boys are 15*l.* to 18*l.* per annum; for boarders, 60*l.* to 69*l.* per annum. Principal, T. A. May, M.A., with 7 assistant Masters.

\* **BISHOP'S STORTFORD, NONCONFORMIST GRAMMAR SCHOOL.** Established 1868. The general course of education to 100 boarders and 20 day-boys embraces instruction in the Greek, Latin, French, German, and



English Languages, Writing, Arithmetic, Mathematics, Natural Philosophy, History, and Geography, an education which qualifies for either the Universities, the learned professions, or the various pursuits of Commerce. The school year is divided into three terms. The holidays consist of 12 weeks in the year. There are Exhibitions, Scholarships, and Prizes. The fees for boarders are from 35 to 45 guineas per annum; for day-boys, from 8 to 12 guineas per annum. Head Master, Rev. Richard Alliot, M.A., Camb., with 7 assistant Masters.

† BISHOP'S WALTHAM (*Hants*), GRAMMAR SCHOOL. Founded 1690, by Bishop Morley. Endowment, 50*l.* per annum. Instruction in Classics, Mathematics, etc. Ten boys free, and all others paying by agreement. Patrick O'Flynn, Head Master.

BISHOPWEARMOUTH (*Durham*), SOUTHGATE HOUSE SCHOOL. Established 1869. The course of instruction comprises English, Classics, Mathematics, Modern Languages, etc. Preparation for Public Schools and University Local Examinations, etc. There are 80 day-boys at fees from 12 to 18 guineas per annum. Vacations, 12 weeks in the year. Head Master, the Rev. Reginald Heart Yeld, M.A., Dublin, and 4 assistant Masters.

BISHOPWEARMOUTH, THE HALL SCHOOL. The course of study includes Greek, Latin, French, German, English, and Mathematics. The terms are moderate. Principal, the Rev. G. Iliff, and 4 assistants.

BISHOPWEARMOUTH, MURTON HOUSE SCHOOL. Established 1842. The system of instruction comprises the usual subjects of a sound English education; together with Algebra, Trigonometry, etc.; the German, French, Latin, and Greek Languages, Natural Science. Candidates are prepared for the Legal Preliminary, Pharmaceutical, University Local, and other competitive Examinations. Pupils from this school have been very successful at the Durham University Local Examinations. There are about 70 boys, at fees from 6 to 10 guineas per annum. Vacations, 10 weeks in the year. Principal, William Walton, with 4 assistant Masters.

BISHOPWEARMOUTH, COLLEGIATE SCHOOL, DERWENT STREET. The course of instruction includes a sound education, together with a knowledge of Music, Mathematics, Ancient and Modern Languages, and Military Drill. Terms, from 4 to 10 guineas per annum. Principal, Peter Wood, with competent assistant Masters.

BISPHAM (*Lancashire*), ENDOWED GRAMMAR SCHOOL. Founded 1659, by R. Durning. Endowment, 135*l.* Instruction in elementary subjects, Latin, French, and Sciences, to about 50 pupils. Head Master Peter Wood.

† BITTERLY (*Salop*), FREE GRAMMAR SCHOOL. Foundation unknown, but before 1712. Endowment, 40*l.* per annum, with house. This is now a public Elementary School conducted by a Mistress.

\* BLACKBURN (*Lancashire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (*2nd Grade*). Founded 1567. Endowment, 120*l.* per annum. Instruction in Classics and Commercial course, to 100 boys (none free),



paying 6 to 10 guineas per annum each. Examiners from University. T. Ainsworth, M.A., Head Master, and 6 assistant Masters.

BLACKBURN, ST. GEORGE'S SCIENCE AND ART SCHOOL, AND COLLEGIATE AND COMMERCIAL SCHOOLS. Twelve boarders and 100 day-scholars, besides 120 students in Science and Art, attend these schools. Principal, T. Isherwood.

BLACKHEATH (*Kent*). See LONDON, S.E. DISTRICT.

† \* BLACKPOOL (*Lancashire*), MERCHANT'S COLLEGE. The instruction at this school is in three divisions. 1. The preparatory school. 2. Those pupils who are not advanced enough to enter for competitive examinations. 3. The advanced division, where boys are prepared for the Oxford and Cambridge Local and other Examinations. Pupils are chiefly prepared for mercantile life. Terms, 40 to 60 guineas each for boarders. Vacations, 12 weeks. Principal, Isaac Gregory, F.R.G.S., with a staff of resident Masters.

\* BLACKPOOL, ARNOLD HOUSE SCHOOL, SOUTH SHORE. Instruction to 35 boarders in the branches of English, Classics, Mathematics, Natural Philosophy, and Class Singing. Terms, from 50 to 60 guineas per annum. Principals, Thomas Ward, F.C.S., and C. F. Ward, B.A., assisted by 3 resident Masters.

BLACKROD, near CHORLEY (*Lancashire*), RIVINGTON AND BLACKROD GRAMMAR SCHOOL (*2nd Grade*). Founded 1574. This school is being re-organized under a new scheme, and is now amalgamated with Rivington, which was founded by Bishop Pilkington, and was opened January 23, 1882, with 10 boarders and 19 day-scholars. The course of instruction includes Religious Knowledge, English Grammar, Composition and Literature, Mathematics, Classics, French and German, Natural Science, Mensuration and Land Surveying, Drawing and Vocal Music, and is calculated to fit boys for the Universities, the Professions, and for Commercial Life. Three Exhibitions of 40*l.* a year, tenable for 3 years at other places of Higher Education, are to be provided under the scheme. There are also 16 Foundation Scholarships for boys in the Townships of Rivington, Anglezarke, Sharples Higher End, Heath Charnock, Anderton, Horwich, Adlington, and Blackrod, entitling the holders to exemption from tuition fees. Fees, exclusive of tuition fees: for boarders, 35*l.* a year; for weekly boarders, 25*l.* a year; for daily boarders, 10*l.* a year; tuition fees, 6*l.* a year. Head Master, Rev. G. Squire, B.A., Oxon and London.

BLACKROD, NATIONAL CHURCH SCHOOL. Founded 1834. Endowment, share of Popplewell's charity of 60*l.* annually. Instruction in elementary subjects to about 300 children. There are Exhibitions ranging from 3*l.* to 10*l.*, awarded annually. Head Master, John Gardner, with assistant Masters.

BLACKWATER (*Hants*), YATELEY GRANGE. A few pupils are prepared for the Army. The Grange stands in 5 acres of well-wooded land, on the Bagshot Sands, near the Royal Military College. Great individual attention is paid to pupils. Cricket and Lawn-Tennis grounds. Terms: 20*l.* guineas per annum. Principal, S. G. Kirchhoffer, M.A., Classical

Honours, Cambridge, F.R.G.S., F.G.S., assisted by a High Wrangler, and by Professors of French, German, and Geology.

BLANDFORD (*Dorset*), MILTON ABBAS GRAMMAR SCHOOL. This school was founded in 1663, by William Middleton, Abbot of Milton. The endowment is 400*l*. A new scheme is under the consideration of the Charity Commissioners for this school.

BLETCHINGLEY, *near REDHILL (Surrey)*, GRAMMAR SCHOOL. Founded 1565, by John Whatman. Endowment, about 24*l*. per annum. Instruction, Elementary for free scholars, and Latin, French, German, English, Mathematics, etc., for private pupils. There are 20 free scholars, and 50 others at the nominal charge of 13*s*. 4*d*. per annum. Boarders pay 25*l*. to 30*l*. per annum, and day-boys from 2*l*. 2*s*. to 4*l*. per annum. Vacations, 9 weeks. Head Master, William Kent, and 2 resident assistant Masters.

BLENCOWE, *near PENRITH (Cumberland)*, GRAMMAR SCHOOL. Founded 1567. Endowment, 180*l*., with house. The education is suited for boys intended for a Commercial life, and includes general English subjects, Latin, Greek, and Modern Languages. Inhabitants of Great Blencowe are free for Latin and Greek, all others pay a small fee. Boarders, 30*l*. to 40*l*. per annum. Head Master, Thomas Fawcett, B.A., with assistant Masters.

BLAKESLEY (*Northamptonshire*), GRAMMAR SCHOOL. Founded 1669, by W. Foxley. Endowment, 120*l*. per annum. Now 40 boys are educated, all free, in elementary English only. G. W. Passmore, Head Master.

BLAKESLEY, THE VICARAGE. About 8 high-class pupils are received to prepare for the Public Schools. The course of instruction includes the Holy Scriptures, Reading, Writing, English Composition, Arithmetic, Geography, History, the Latin and Greek Classics, Mathematics, and French. Terms, which are inclusive, from 70 to 90 guineas per annum. Principal, the Rev. J. Jenkins. See also Index to Appendix A.

\* BLOXHAM, *near BANBURY (Oxon)*, ALL SAINTS' SCHOOL. Established 1860. The course of instruction to 160 boarders includes English generally, French, Latin, Mathematics, Drawing, Vocal Music, etc., etc., especial attention being paid to all the branches of English and Mathematics. Examinations are held at Midsummer and Christmas. The first is conducted by Examiners appointed by the Cambridge Syndicate. The second is the "Local Examinations" of the University of Cambridge, for which Bloxham is a centre. As a rule, all boys are prepared for the Local Examinations, at which they have gained great successes. Terms for board and education very moderate. Principal, Rev. P. R. Egerton, B.C.L., Oxon, with several assistant Masters.

BLUNDELL SANDS. See LIVERPOOL.

BODMIN (*Cornwall*), THE ACADEMY. Established 1849. The educational course comprises Greek, Latin, French, English, Trigonometry, Algebra, Euclid, Arithmetic. Terms: for boarders, 30 guineas; day-scholars, 2 to 4 guineas; weekly boarders, 26 guineas per annum. Vacations, 7 weeks. Principal, Josias Phillipps.

**BODMIN, GRAMMAR SCHOOL.** Founded by Queen Elizabeth. Endowment, 10*l.* per annum. This school is now in abeyance.

**BOGNOR** (*Sussex*). **SOUTH BERSTED VICARAGE, UPPER BOGNOR.** A limited number of high-class pupils prepared for the Universities, the Army and Civil Services. Principal, Rev. William B. Philpot, M.A., assisted by resident Tutors.

**BOGNOR, MIDDLETON SCHOOL.** Established 1826. Pupils are prepared for the Universities, Public Schools, Professional or Mercantile pursuits, and the various competitive examinations. Fees: from 60 to 66 guineas a year. Vacations, 13 weeks. Principal, the Rev. A. Conder, M.A., assisted by resident Tutors.

**BOGNOR, SWANSEA HOUSE.** Established 1868. The system of instruction embraces ordinary English subjects, Mathematics, French, Latin, Drawing, and Music. Terms: for day-boys, 6 guineas per annum; for boarders (limited to 20), 36 guineas per annum. Vacations, 11 weeks. Principal, J. A. Swornsbourne, and a resident foreign Master.

**BOGNOR, PENNINGTON HOUSE.** Pupils are received from 8 to 14 years of age, are prepared for the Public Schools. The course of instruction comprises the subjects necessary for admission to the great schools; and while due attention is paid to Classics, the study of necessary English subjects is not neglected. The fees are 70 guineas per annum. Principal, H. Newnham Travers.

† **BOLTON ABBEY** (*Yorkshire*), **BOYLE'S FREE SCHOOL.** Founded 1697, by Hon. Robert Boyle. Endowment, 95*l.* per annum. Open for children of noblemen, gentlemen, and others. Instruction in Latin and English course, to 5 Foundationers, paying 4 guineas, and other scholars, paying 8 guineas per annum each. Head Master,

**BOLTON, BOLTON ABBEY, SKIPTON-IN-CRAVEN.** Students are prepared for Holy Orders and the Preliminary. Terms: non-resident, 100*l.* per annum. Principal, Rev. C. L. Childe, B.A., late Exhibitioner of Brasenose College, Oxford.

**BOLTON** (*Lancashire*), **BOLTON-LE-MOORS GRAMMAR SCHOOL.** Founded 1644. Endowment, 500*l.* and upwards. The nature of the education is Classical, Mathematical, and General. 36 pupils are free, elected after examination, the rest pay a small sum. There are 3 Exhibitions of 60*l.*, tenable for 4 years at Oxford or Cambridge. Vacations, 9 weeks. Head Master, Rev. J. E. Hewison, M.A., with assistant Masters.

\* **BOLTON, CHURCH OF ENGLAND EDUCATIONAL INSTITUTION.** Established 1846. At this day-school the regular course of instruction includes Classics, Mathematics, French and German, English, Drawing in all branches, Chemistry, and Natural Philosophy. Pupils in the higher forms are prepared for the Universities' Local and for other Examinations. There are about 90 boys in attendance, all day-pupils. Fees, from 6 to 9 guineas per annum. Evening classes in Science and Art, Languages, Technological Subjects, attended by 500 students, are also held in connection with this Institution. A Girls' Day School is now opened in connection with the Institution. See Volume II. Prin-

cipal and Head Master of the Boys' Day School, the Rev. J. Worsley Cundey, M.A., Oxon, with 6 assistants.

\* **BOLTON, THE HIGH SCHOOL.** Established 1870. The education is suited for those intended for Commercial pursuits, and includes English, Latin, Greek, French and German, Chemistry, and Drawing. 31 pupils from this school have gained certificates at the University Locals up to 1873. Number of pupils about 150, at fees from 6 to 9 guineas per annum. Vacations, 12 weeks. Head Master, W. T. Mason, M.A., Cantab, with 8 assistant Masters.

**BOLTON, LARK HILL ACADEMY, KENSINGTON PLACE, ST. GEORGE'S ROAD.** The system of education is suited for those intended for a Commercial career. Fees: from 2 to 4 guineas per annum. Principal, Alexander McColl.

† **BOLTON-LE SANDS (Lancashire), FREE GRAMMAR SCHOOL.** Founded 1619, by Thomas Assheton. Endowment, 42*l.* per annum. Instruction in English course, with Latin, Greek, and French, "if required," to 50 boys. Latin and Greek free to boys of parish, and about 20*s.* to 25*s.* for the rest. J. M. Deacon, Head Master.

**BOLTON-ON-SWALE, CATTERICK (York, N. R.) GRAMMAR SCHOOL.** Founded by L. Robinson, in 1720. Endowment, 250*l.*, with house. Instruction free to boys in Catterick parish. This school is at present in abeyance, but funds are being raised to instruct the children of the neighbourhood free as a parochial school. J. L. Castling, Head Master.

**BOLTON-CUM-REDMIRE (York), GRAMMAR SCHOOL.** Founded 1725. Endowment, 21*l.* per annum. The instruction now given under a scheme of the Charity Commissioners, 1863, is merely an English course. Head Master, John Dimsdale.

**BORDEN (Kent), BARROW SCHOOL (2nd Grade).** Founded by William Barrow. Endowment, 550*l.* This school has been recently organised under the new scheme, and there are 50 pupils who are prepared for all Public Examinations. The subjects are English, Mathematics, Latin and French, Natural Science, Drawing, and Vocal Music. By way of Exhibitions, exemption from payment of school fees is granted. Fees, from 6*l.* to 8*l.* per annum. The Hostel accommodates 50 boarders, at 30*l.* per annum each. Head Master, the Rev. W. Henry Bond, M.A., Cambridge, with assistant Masters.

**BOSBURY (Herefordshire), FREE GRAMMAR SCHOOL.** Founded temp. Edward VI., by Sir Rowland Morton. Endowment, 106*l.* per annum. Is now an Elementary English School. The Rev. J. E. Cheese, Head Master.

\* **BOSTON (Lincolnshire), GRAMMAR SCHOOL.** Founded 1553. Endowment, 700*l.* a year, with house. The system of education comprises a complete course of Latin, Greek, French, German, Mathematics, Drawing, and English. There are 3 Exhibitions of 50*l.* a year, at either University, and 8 entitling to free education at the school. Examinations are held annually by University Examiners. Pupils are also sent up for the University Locals, 32 having passed up to the end of 1873. About 110 pupils attend, and 90 day-scholars, and 20 boarders. Vacations, 11 weeks

in the year. Head Master, the Rev. G. E. Pattenden, LL.D., with 6 assistant Masters.

BOSTON, HOLLAND HOUSE SCHOOL, WIDE BARGATE. Established 1865. The course of instruction embraces the Classics, French, and German, Mathematics, together with the usual branches of a thoroughly sound Commercial education. Prizes are awarded at the end of the year. The Vicar of Boston kindly conducts the Examinations. Fees, from 22 to 24 guineas per annum for boarders, 8 guineas for day-boys. Vacations, about 11 weeks in the year. Principal, Matthew Crowden, M.C.P., with 2 assistant Masters.

\* BOSTON SPA (*Yorkshire*), WHARFEDALE COLLEGE. Preparation for the Oxford and Cambridge Local Examinations, at which great success has been obtained, 37 pupils having passed, 14 being with honours, up to 1873. Annual terms: boarders, from 36 to 42 guineas. Vacations, 12 weeks in the year. Principal, John Wood, B.A., F.R.A.S., with resident assistant Masters.

BOROUGHBURY. See PETERBOROUGH.

BOTESDALE (*Suffolk*), GRAMMAR SCHOOL. Founded 1576, by Sir N. Bacon. Endowment, 38*l.* The education is thoroughly Commercial, but also embraces Greek and Latin. There is 1 Exhibition of 20*l.* per annum, tenable at Corpus Christi College. This school is now in abeyance.

BOTTWNOG (*Cuernarvonshire*), GRAMMAR SCHOOL. Founded 1616, by H. Rowland, Bishop of Bangor. Endowment, 214*l.* per annum. Instruction to 50 boys in Classics, Mathematics, French, and English course. Has 2 Scholarships of 3*l.* each. Head Master, E. P. Howell, B.A., late Scholar of Jesus College, Oxon (in Honours).

BOSWORTH. See MARKET BOSWORTH.

BOTELER GRAMMAR SCHOOL. See WARRINGTON.

BOUGHTON (*Kent*), near FAVERSHAM, TENTERDEN HOUSE ACADEMY. Established 1825. A Classical, Mathematical, and Commercial education is given to 35 boarders. Vacations, 10 weeks. C. A. T. Laker, M.C.P., assisted by a resident Master.

\* BOURN (*Lincolnshire*), GRAMMAR SCHOOL. Founded in the reign of Charles II., 1636, by W. Trollop. Endowment, 30*l.* The system of instruction embraces Greek, Latin, French, and English. There are about 30 pupils, at terms from 4*l.* to 6*l.* per annum. Vacations, 12 weeks in the year. Head Master, W. Webber, with 1 resident assistant Master.

BOURNEMOUTH (*Hants*), RAVENSHALL, WEST CLIFF. At this high class school a limited number of pupils are prepared for Matriculation, Army, and other Examinations. The house is situated in a most healthy part facing the sea, and offers great advantages for quiet study. Each pupil has a private bedroom. The year is divided into 3 sessions of about 12 weeks each, commencing the last weeks in January, April, and September. The terms are 200*l.* a year for board and education. Principal, the Rev. E. Kenworthy Browne, M.A., of New College, Oxford, and of Rugby School, with assistant University Tutors. See also Index to Appendix A.



BOURNEMOUTH, CHELTENHAM HOUSE. A limited number of pupils are prepared for the Public Schools, Universities, the *Britannia*, and other Examinations. The house stands on the East Cliff, in the best part of Bournemouth. It is close to the sea, but well sheltered by the pines. The situation and arrangements are especially suitable for delicate boys. Principal, Alfred F. Roper, M.A. (Clas. Hon.), of Keble College, Oxford, and well-qualified Masters. See also Index to Appendix A.

BOURNEMOUTH, THE COLLEGE. The object contemplated in this College is to provide for the sons of gentlemen a sound, religious, and useful education. The School premises are extensive, beautifully situated facing the sea, and the healthy locality combines the advantages of fine sea air with great facilities of railway communication. The College is divided into three departments :—1. The Lower School, Forms I. and II.; 2. The Middle School, Forms III. and IV.; 3. The Upper School, Forms V. and VI. The Upper School consists of two sides, viz., a Classical and a Modern side; the former for boys proceeding to the Universities; the latter for boys destined for the Army, Navy, Professional, or Civil Service Examinations. Inclusive terms: Boarders, under 10 years of age, 84*l.* per annum; under 12 years of age, 94*l.* 10*s.* per annum; under 14 years of age, 105*l.* per annum. The above terms include French, Elementary Drawing, Stationery, and Pew Rent. Private Bedroom, 20*l.* additional. Head Master, Rev. John Ellis, M.A., late Scholar of St. John's College, Cambridge, and assistant Masters. See also Index to Appendix A.

BOURNEMOUTH, SAUGEEN. A select number of high-class pupils are prepared for the Public Schools and Universities. Terms: for boys under 14, 100 guineas per annum. Vacations, 15 weeks in the year. Principal, the Rev. E. B. Brackenbury, assisted by a Cambridge Graduate and other Masters.

BOURNEMOUTH, OVERTON HALL SCHOOL. This school was established in 1858, and is intended for the preparation of gentlemen's sons for the Public Schools and Royal Navy. The course of instruction is based on the Public School system. The terms are from 66*l.* to 84*l.* Day-scholars from 20*l.* to 25*l.* per annum. Forty pupils are in attendance. Vacations, 14 weeks. Principal, the Rev. Lovell J. Procter, M.A., with 6 assistant Masters.

\* BOURNEMOUTH, "BOURNEMOUTH COMMERCIAL SCHOOL." In union with the College of Preceptors. Established 1865. The course of study comprises a thorough English and Commercial education, Mathematics, French, and Latin, with Music and Drawing. Pupils are prepared for the Middle Class and Civil Service Examinations. Terms: from 30*l.* to 35*l.* per annum for boarders, day-pupils 6*l.* per annum. Forty pupils in attendance. Principal, J. B. Atkinson. There is also a preparatory school in connection with the above.

BOURNEMOUTH, ASCHAM SCHOOL. Established 1866. The education is chiefly preparatory to the Public Schools. There are about 70 pupils, ages from 6 to 14, at fees from 100 to 120 guineas per annum each. The

School buildings are in the Pine Woods on the East Cliff, and close to the sea. There is a large play-ground attached to the School, with Fives' Courts, Gymnasium, Carpenter's Shop, and Boys' Gardens. There is also a private Cricket-ground. Vacations, 15 weeks. Principal, Rev. George Herbert West, M.A. Oxon, with 6 resident Masters.

BOURNEMOUTH, WESTBURN SCHOOL. The school is intended principally for young boys requiring a warm climate and cheerful home, combined with educational advantages. Only a limited number are received. Terms : for boarders, 45 guineas per annum. Principal, W. H. Hollis.

BOURNEMOUTH, CAMACHA, CHINE ROAD. Six pupils prepared for Eton, Harrow, and other Public Schools. Principal, the Rev. E. R. Phelps (Eton and Oxon).

BOW. See LONDON, E. DISTRICT.

\* BOWDON (*Cheshire*), BOWDON COLLEGE, *near* ALTRINGHAM (8 miles from Manchester). Established 1856. The education, to about 60 pupils, is both General and Classical. Pupils are prepared also for the Oxford Local and various Public Examinations. Vacations, 13 weeks. Principal, Theophilus D. Hall, M.A., Fellow of University College, London, and 4 resident assistant Masters.

BOWDON, ROSE HILL SCHOOL. The branches of study embrace English, Modern Languages, Mathematics, Science, and Drawing. Terms : for day-boys, 16 to 20 guineas per annum. Principal, A. J. Pearce, assisted by Foreign and English Masters.

BOWDON, ALTRINGHAM. A high-class preparatory school for the sons of gentlemen. Pupils are prepared for Eton, Harrow, and other schools. Principal, the Rev. H. A. D. Surridge, M.A.

BOWDON, ANGLO-GERMAN BOARDING AND DAY-SCHOOL, LAUREL BANK, STAMFORD ROAD, on the principles of a German Real-Schule. The usual branches of a sound English education, but German and French occupy the position usually assigned to Latin and Greek. Separate classes are, however, formed for Latin and Greek. Annual terms : boarders, from 60 to 70 guineas ; day-boys, 20 and 25 guineas. Vacations, 13 weeks in the year. Principal, George Schelling, of the Universities of Paris and Griefswald, with assistant Masters.

BOWES (*Yorkshire*), HUTCHINSON'S ENDOWED SCHOOL. Founded 1693, re-constituted 1845, and again in 1877. Endowment, 400*l*. Is divided into Upper, Middle, and Infant. The Middle and Lower have been placed under Government Inspection, and consist of about 100 scholars ; there are 2 teachers in the Middle, and 1 in the Infants' Department. The Upper School is now taught in a new room, by the Head Master alone. Pupils are admitted from the Middle division into the Upper by Examination. Fees range from 5*s*. to 40*s*. per annum for residents in the parish, and from 10*s*. to 8 guineas for non-residents. There is 1 Exhibition of 60*l*. a year, tenable for 7 years at Pembroke College, Cambridge, at present held by John Walton from this school. Examinations held annually. Head Master, William Hood, Lond. Univ.

BOWNESS GRAMMAR SCHOOL. See WINDERMERE GRAMMAR SCHOOL.

† BOXFORD (*Suffolk*), FREE GRAMMAR SCHOOL (3rd Grade). Founded 1593, by J. Snelling and P. Gostlinge. Endowment, 41*l.* per annum, with house. An entrance fee of 1*l.* is required with each pupil, which is expended in providing prizes. Special attention is given to preparation for the Universities and other Local Examinations; pupils are also prepared for Public Schools and Government Examinations. Boarders are received by the Head Master. Tuition fees, 4 guineas per annum. Head Master, the Rev. A. C. Hoggins, B.A., Cantab.

BOXMOOR (*Herts*). See HEMEL HEMPSTEAD, for particulars of the high class preparatory School at Lockyers Park. Principal, H. M. Draper, M.A.

\* BOLSOVER (*Derby*). A limited number of pupils taken and prepared either for Matriculation at the Universities, the Preliminary Examinations in Law and Medicine, Entrance Examination for the Army, or the Cambridge and Oxford Local Examinations. Principal, the Rev. Rowland Paul Hills, B.A., Cambridge.

BRACKLEY (*Northamptonshire*), MAGDALEN COLLEGE SCHOOL. Founded 1447, restored 1856. Instruction in Classics, French, Mathematics, Divinity, Science, and English course, to 40 boys, admitted on application to the Head Master, with the sanction of the President of Magdalen College, Oxford. 10 of the boys are elected annually at Christmas to Exhibitions, entitling them to free education at the school for the following year. Day-boys pay 5*l.*, and boarders 36*l.* per annum. Annual Examinations at Christmas by Fellows of Magdalen College. Head Master, Rev. J. Woodhams, M.A., and resident assistant Masters.

\* BRACONDALE, near NORWICH (*Norfolk*), CLASSICAL AND COMMERCIAL SCHOOL. Established 1842. The course of instruction is that recommended by the Universities, and tested by their yearly Examinations; namely, English in all its branches, Modern and Ancient Languages, Mathematics, Experimental Chemistry, and Natural Science. 46 pupils have gained certificates of the University Locals up to 1873. Vacations, 14 weeks. Terms: for boarders, from 30 to 40 guineas per annum. Principal, J. P. Cadge, with two resident Masters.

BRACKNELL (*Windsor Forest*), LAMBROOK, near BRACKNELL. Preparation for Eton, Harrow, and other Public Schools. Instruction in Classics, English, French, German, Mathematics, Music, Drawing, Natural Science, Swimming, and Drilling to 25 boys, members of the Royal Family, and sons of noblemen and gentlemen, who are received from the age of 9. Principal, Robert J. Burnside, assisted by English and Foreign Masters.

BRADFIELD (*Berks*), S. ANDREW'S COLLEGE, near READING. Founded by the Rev. Thomas Stevens. Was first opened as a school in 1850, Endowed in 1859, Incorporated by Royal Charter in 1862. The general course of study is Classical and Mathematical, as in the old Public Schools, with History, French, and German. There is also a modern side, intended more especially for boys who are preparing for the Military and Civil Examinations. In this department Greek is not

taught. The Founder's Boys, 16 in number, are instructed gratuitously upon terms of equality with the "Commoners." The College dues are for "Commoners" 120 guineas a year, payable in advance, by 3 equal instalments. The following Exhibitions and Scholarships are awarded : The "Stevens" Scholarship, value 30*l.* a year, tenable for 3 years at Oxford or Cambridge. The Warden's Exhibition of 30*l.* a year, for 3 years at Oxford or Cambridge, and there are School Exhibitions of 25*l.* a year, and various prizes. The holidays are at Easter, Midsummer, and Christmas. Warden and Head Master, the Rev. H. B. Gray, M.A., Oxon, and 8 assistant Masters. Secretary, Mr. John Perrin.

\*\*\* BRADFORD (*Yorks*), BRADFORD GRAMMAR SCHOOL (*1st Grade*). Founded by King Charles II., 1674 ; reorganised by the Endowed Schools Commissioners, 1872. Endowment, about 1,000*l.* per annum. The school is divided into 2 departments. The system of education is that of a first-grade Classical and Modern School. The subjects of instruction in the senior school are English, Greek, Latin, German, and French Languages and Literature, Arithmetic and Mathematics, Natural Science and Chemistry, Ancient and Modern History and Geography, Political Economy, Drawing, Gymnastics: Greek is an optional subject. Those boys who do not learn Greek receive additional instruction in Chemistry, Modern Languages, and advanced English subjects. The subjects of instruction in the junior school: English Language and Literature, Arithmetic, Elements of Algebra and Geometry, English History, Geography, Natural Science, Latin, French, Drawing, Gymnastics. There is also a Preparatory School. The following are the Scholarships and Prizes :—In 1873, Mr. Henry Brown presented to the School 6,000*l.*, to be appropriated to the foundation of—(1) 3 Scholarships of the value of 60*l.*, tenable for 3 or 4 years, at any University or other Institution of higher education ; (2) 5 Scholarships (*a*) for boys in School Board Schools ; (*b*) for deserving Pupils of the Grammar School. In 1874, Sir Titus Salt, Bart., presented to the School 6,000*l.* for the foundation of Scholarships, tenable at the Universities or other Institutions of higher education. The Right Hon. W. E. Forster, M.P., has given an Exhibition, open to the Public Elementary Schools of Bradford, which defrays the cost of tuition, and provides an additional sum for maintenance. The Governors, in September of every year, offer for competition to all candidates not Members of the School, Exhibitions entitling the holders to tuition free of expense. This School, with 12 other Northern Schools, is entitled to send Competitors for the Lady Hastings Exhibitions at Queen's College, Oxford, 4 of which are annually offered for competition. They are held for 5 years, and are worth 90*l.* per annum. Examinations are held annually by the Oxford and Cambridge Schools Examination Board. Pupils are also sent up for the University Locals. The fees in the senior school are 16*l.* per annum, in the junior school 10*l.* per annum. About 40 pupils are free. Vacations, 12 weeks. New extension buildings were opened on May 24th, 1879, by the Lord Bishop of Manchester, at a cost of 23,000*l.* They are now in full working order, and will accommodate 700 boys. Head Master, the Rev. William Hulton Keeling, M.A., Oxon, and 16 non-resident assistant Masters. Secretary, S. Batty.

\* BRADFORD, SPRINGFIELD SCHOOL. Established 1820. The course of studies is adapted for Commercial and Professional pursuits, and em-



brace Mathematics, Classics, English, and Physical Sciences. There are about 100 pupils, of whom 95 are day-boys. Fees: for the latter, from 5*l.* to 8 guineas per annum. Principal, M. Watson, M.A., with resident Masters.

BRADFORD, STREONSHALK SCHOOL, 6, SURREY PLACE. The school bearing this strange title appears to be a middle-class establishment, where pupils are prepared for Commercial life. Judging from the difficulty the author has met in obtaining information respecting the school, it is but little known beyond its own *locale*, and not much even there. Referring to the reports of the Oxford and Cambridge Local Examinations, the school has only obtained 3 junior certificates from 1858 (the year these Examinations were founded), to end of 1873, neither of those 3 pupils taking any honours. The Principal, at present, is a Mr. R. M. Frankland.

BRAXTED, GREAT (*Essex*). See GREAT BRAXTED.

† BRADLEY (*Staffordshire*), FREE SCHOOL. Foundation unknown. Endowment, 129*l.* per annum, with house. It is now only an Elementary English School for 30 children.

† BRAINTREE (*Essex*), FREE SCHOOL. Founded 1702, by James Coker. Endowment, 27*l.* per annum. Closed from insufficiency of income. Is now merged into schools connected with S. Michael's Church, where 10 boys are taught on this foundation.

BRAINTREE, COLLEGE HOUSE SCHOOL. The course of study is adapted to the Examinations of the College of Preceptors. Special and daily attention is given to Book-keeping. It is taught on a new method, which has been found very successful in preparing youths both for Public Examinations and for the practical work of the counting house. Vacations, 13 weeks in the year. Fees: from 30 to 40 guineas per annum. Principal, J. Thornton, with assistant Masters.

\* BRAMPTON (*Cumberland*), CROFT HOUSE ACADEMY. Pupils are prepared for the Universities, for special Examinations and pursuits, and for Professional, Mercantile, Agricultural, and general practical life. The course of instruction, and the methods pursued, ensure a sound Classical, Mathematical, and general English education. Attached to the school there is a completely equipped Laboratory. Terms: for boarders, 35 to 40 guineas per annum. Principal, John Blain, B.A., with assistant Masters.

\* BRAMPTON (*Huntingdon*), S. GEORGE'S SCHOOL. Established 1873. The system of education includes English, Latin, French, Arithmetic, Mathematics, Greek, German. Boys are specially prepared for the University Local and the Preliminary Examinations of the College of Surgeons and the Law. There are 6 Choristerships of 20*l.* to 25*l.* a year each, for boys who sing. Terms: for boarders, from 30*l.* to 35*l.* per annum; day-boys, 6 guineas per annum. Head Master, the Rev. R. H. Wix, M.A., with 2 assistant Masters.

BRANDON (*Suffolk*), FREE GRAMMAR SCHOOL. Founded 1646, by Robert Wright. Endowment, 40*l.* per annum. New buildings are now being built, and will shortly be opened under a new scheme. Head Master, vacant.



BRECHIN (*Forfarshire, N.B.*), HIGH SCHOOL OF BRECHIN. Foundation uncertain, supposed in 16th century. The syllabus of studies embrace Liberal English, Latin, Greek, Mathematics, Modern Languages, and Music. Number of pupils 220, at small fees. There are 2 Bursaries, tenable for 3 years. Vacations, 8 weeks in the year. Principal, H. Morrison, and 4 non-resident assistant Masters.

\* BRECKNOCK (*Brecknockshire*), CHRIST'S COLLEGE. Founded 1541, by Henry VIII. Endowment, 800*l.* The system pursued is modelled upon the example of the great Public Schools; comprising the study of the best Classical authors, Latin and Greek composition, German, Mathematics, and Divinity. Pupils prepared for the Universities, or any of the learned professions. The De Winton Exhibition of 40*l.* is assigned every 3 years, and is tenable for the same period at the University of Oxford or of Cambridge, the Foundation Scholarships, which are tenable till 18 years of age. The holders of them pay no fees for tuition from the date of their election. The following special prizes, among others, are given annually: The Bishop of S. David's Classical Prizes, 3 guineas; the Bishop of Llandaff's Divinity Prizes, 3 guineas; the Lord-Lieutenant's English Essay Prizes, 3 guineas; Sir J. R. Bailey's Mathematical Prizes, 3 guineas; Archdeacon Davies's Sacred History Prizes, 2 guineas; the Head Master's French Prizes, 2 guineas. The fees are 8*l.* per annum, with an entrance fee of 2*l.* Boarders are received by the Head Master, the Rev. D. Lewis Lloyd, M.A., Oxon, with assistant Masters.

BRECON, MIDDLE CLASS SCHOOL. Established 1871. The education is suited for those intended for business pursuits, and includes English subjects, Latin, French, Drawing, and Mathematics. Pupils are examined by the College of Preceptors. Terms: for day-boys, 4 guineas per annum; boarders, from 30 to 35 guineas per annum. Principal, Thomas Butcher.

\* BRENTWOOD (*Essex*), SIR ANTHONY BROWNE'S SCHOOL (*1st Grade*). Founded 1557, by letters patent from Philip and Mary. Endowment, 1,134*l.* The system of studies includes Latin, Greek, French, German, English, Mathematics, and Drawing. There is one Exhibition of 40*l.* a year, tenable for 3 years, at Oxford or Cambridge. The school is the centre for the Cambridge Locals. Fees, 9*l.* per annum. Vacations, 13 weeks. Head Master, the Rev. J. H. Newnum, M.A., assisted by 6 Graduates.

BRENTWOOD, CLIFTON HOUSE. A limited number of pupils received. Terms: for boarders, 50*l.* per annum. Principal, W. R. Taylor.

BRENTWOOD, WHITELYONS SCHOOL. The course of instruction, to about 40 pupils, comprises Reading, Elocution, Writing, Dictation, English Grammar and Composition, Geography, Mapping, History, Arithmetic, Algebra, Euclid, Latin, French, Music, and Book-keeping by single and double entry. Fees for boarders, 21*l.* per annum; day-scholars, 5*l.* per annum. The syllabus of the College of Preceptors is each year made the standard of school work. Head Master, William H. Jarvis.

\* BRENTFORD (*Middlesex*), CLIFDEN HOUSE SCHOOL, EALING ROAD. The course of instruction embraces English, Classics, Mathematics, Modern Languages, and the Sciences. Fees: for boarders, from 50 to 60 guineas per annum; day-boarders, from 25 to 30 guineas per annum. Vacations, 13 weeks. Many pupils have obtained Certificates at the

Cambridge Local Examinations, in honours. Principal, W. H. Morris, with competent assistant Masters.

\* BREWOOD (*Staffordshire*), GRAMMAR SCHOOL (*2nd Grade*). Founded 1553. Endowment, 400*l.* This is a Classical school, in which, however, great attention is paid to Modern Languages, French, Drawing, and Chemistry. There are 3 Exhibitions of 20*l.*, 2 of 35*l.*, tenable for 3 years. Vacations, 13 weeks. This school has been very successful at the University Local Examinations, 160 Certificates having been gained, 81 in honours, up to 1873. Head Master, Rev. T. E. Rhodes, M.A., with 3 assistant Masters.

BRIDGFORD EAST (*Notts*), EAST BRIDGFORD ACADEMY. Established 1830. The usual English course of instruction is given, with Languages and Music. There are 30 boarders and 10 day-scholars. Vacations, 10 weeks. Principal, Charles Clough, M.C.P., and 1 assistant.

\* BRIDGNORTH (*Salop*), GRAMMAR SCHOOL. Founded 1503. Endowment, 31*l.*, with house. The course of instruction includes Classics, Mathematics, Arithmetic, and Mensuration, the English Language, Literature and Composition, French, Geography, History, and Natural Science. Pupils are prepared for Commercial life, for the various Competitive, Preliminary, and Entrance Examinations; also for the Oxford and Cambridge Local Examinations, and for the Universities. The school possesses 3 Exhibitions to Christ Church, Oxford, of the annual value of 60*l.*, and tenable, under certain conditions, for 10 years. Bridgnorth is also one of the 6 Shropshire schools entitled to take part in the annual competition for the Careswell prize of 100*l.* The terms for foundationers are 6 guineas per annum, non-foundationers, 9 guineas; boarders, from 43 to 48 guineas per annum. Head Master, Rev. R. Lucas, M.A., LL.D. (London), 1st Class in Classics, late Scholar Lincoln College, Oxon, with assistant Masters.

\* BRIDGWATER, DR. MORGAN'S SCHOOL (*3rd Grade*). Founded 1723. Endowment, 180*l.* The subjects taught are English, with Literature, Physical Science, Geometry, Political Economy, Algebra, Mensuration, Book-keeping, French, and Latin. Prizes are awarded to the most deserving scholars, and special prizes, to such as pass either the Oxford or Cambridge Examinations, at which no less than 80 per cent. of those presented have been successful. Terms: junior division, 23*l.* per annum; senior department, 24*l.* per annum; weekly boarders, 19*l.* and 20*l.* per annum. Vacations, 4 weeks at Midsummer, 4 weeks at Christmas. Head Master, C. Lucette, with 5 assistant Masters.

BRIDLINGTON (*Yorkshire, E. Riding*), GRAMMAR SCHOOL. Founded 1637, by W. Hustler. Endowment, 40*l.* per annum. Is now a Private Boarding School. Principal, Thomas Gibson.

\* BRIDLINGTON QUAY, THE COLLEGIATE SCHOOL. This school was founded by the Rev. J. Thompson, M.A., the present Incumbent of Bridlington Quay, and is for the purpose of preparing young gentlemen for the Universities, Civil Service Examinations, and Professional pursuits. The course of study includes the Classics, Mathematics, and the usual English subjects. The terms for boarders are from 40 to 65 guineas,

day-boys, 12 to 16 guineas per annum. Principal, J. Kirk, M.A., with 1 assistant Master.

¶ BRIDPORT (*Dorset*), BRIDPORT GRAMMAR SCHOOL, BRIDGE HOUSE. The school is divided into two departments, the Mercantile or Commercial Department, and the Classical or Professional Department, for Competitive and Civil Service Examinations, entrance at the Universities. The fees for day-boys are 8 guineas per annum; boarders, from 28 guineas per annum, according to age. Head Master, Rev. S. Worthington; Principal, H. N. Cox.

† BRIGG (*Lincoln*), GRAMMAR SCHOOL (*2nd Grade*). Founded by Sir John Nelthorpe, in 1670. Endowment, 400*l.*, with house. Instruction in Latin, Greek, Mathematics, and English course. The number of boys is about 100. Head Master, Richmond Flowers. M.A.

BRIDESHILL (*Northumberland*). See ALLENDALE.

BRIGHTON (*Sussex*), 71, MONTPELIER ROAD, and 9, THE DRIVE, WEST BRIGHTON. A limited number of pupils are received who are reading for Cambridge or the Army Examinations. The terms and further particulars are to be applied for in the first instance to the Author of this Work. See special page facing Cambridge University. Principal, the Rev. R. Hudson, M.A., Wrangler, late Scholar of Trinity College, Cambridge, educated at and for a time Assistant Master at Eton. See also Index to Appendix A, and Part II., Cambridge.

BRIGHTON, BRIGHTON COLLEGE. This College, built by Sir Gilbert Scott, was established by a body of subscribers, in the year 1847, with the object of providing for boys a thorough, liberal, and practical education, in conformity with the principles of the Established Church. Its system as regards discipline and organisation is that usual in Public Schools. Pupils are prepared for the Universities, the Professions, the Army, or Commercial life. English Literature, Modern Languages, and Mathematics are taught in every part of the School, and in the highest classes on the modern side form the principal part of the curriculum. Science forms a part of the regular class-work throughout the School, with the exception of the highest Classical Form, in which it is usually omitted. The College stands in its own grounds of upwards of 10 acres, and is situated in the healthiest part of Brighton, immediately under the Downs. It is intended to accommodate 300 boys. The buildings were erected in 1847, and comprise Lecture Hall, Class Rooms, Library, Chapel, Dining Hall, Principal's House, Carpenter's Shop and Laboratory. There is an excellent Playground of about 6 acres, with a Cricket Pavilion, Fives Courts, etc. The College includes an Upper School, a Middle School, and a Junior Department. In the Junior Department, for boys of from 9 to 13 years of age, the course of study is so arranged as to fit them for entrance into either of the Senior Divisions. No boy can remain at the College after he is 18, except by special permission of the Council. The Upper and Middle School embrace two Divisions. In the Classical Division the subjects taught are Divinity, Classics, Mathematics, English Literature and History, French, and Science. German is optional, but there is no extra charge. In the Modern Division the subjects taught are the same, except that German is substituted for Greek, and more time is assigned to French and Science. There is a Special Army Class, in which

preparation is made for Sandhurst, Woolwich, Cooper's Hill, and the Indian Civil Service. The course of instruction enables boys to go up for their examination direct from the College. There are regular classes in Science, the subjects varying from time to time. There is a good Laboratory, in which practical instruction in Chemistry is given to any boy who is sufficiently advanced to profit by it. There is a well-fitted Carpenter's shop, including lathe, etc., superintended by a qualified instructor. Training in Choral Singing is given to all boys who have sufficient musical ability to sing in the School Choir, and special facilities are afforded for learning Vocal and Instrumental Music. The College year is divided into three terms. The vacations consist of three weeks at Easter, seven weeks from about the end of July, and five weeks at Christmas. The School hours are as follows:—Chapel at 9; work from 9.15 to 11.15 and 11.30 to 12.30 every week-day morning, and from 3 to 5 on four afternoons of the week. The College is examined in July by Examiners appointed by the Council, and at Christmas by the Staff of Masters. Prizes are given twice in the year, at Midsummer and Christmas. Boys who wish to obtain the "Leaving Certificates" granted by the Oxford and Cambridge Schools Examination Board are examined by the Board in July. The Proprietary consists of about 300 shares, which entitle their possessor to nominate one pupil for each share. The Council have power to nominate pupils at an extra charge. At present an extra fee of 1*l.* a term is charged for such Council nominations. The College Fees for tuition are as follows:—Under 13 years of age, 24*l.* per annum, clergymen's sons, 18*l.* 15*s.*; from 13 to 15, 27*l.*, clergymen's sons, 21*l.* 15*s.*; above 15, 31*l.* 10*s.*, clergymen's sons, 26*l.* 5*s.* The extra fees are optional with the exception of those marked †:—Music (piano or singing), 2*l.* 2*s.* per term; Drawing (freehand or painting), 1*l.* 8*s.*; Drawing (geometrical), 2*l.* 2*s.*; Carpentry, 10*s.* 6*d.*; Chemistry (practical work for examination), 10*s.* 6*d.*; †Drilling, 5*s.*; †Gymnastics, 15*s.* Boarders are received by the following:—The Rev. the Principal, the College; the Rev. G. J. Le Maistre, 125, Eastern Road; C. G. Allum, Esq., 131, Eastern Road; C. B. Woollcombe, Esq., Junior house for boys under 13, 1, Arlington Villas. In the three Senior houses the charge is 63*l.* per annum for board; in the Junior house 57*l.* 10*s.* Day boys from a distance can have dinner provided for them on all whole School days, at the rate of 4*l.* per term for four dinners in the week. There are Special Prizes, and the following Scholarships are open to competition, as specified in each case: Scholarships tenable at the College—Three of 60*l.* per annum and three of 40*l.* per annum, tenable only in the boarding houses; three of 20*l.* per annum, tenable by day boys or boarders. The examination for these, in which allowance for age is made, is held yearly in July; candidates, whether in the College or not, must be under 15 years of age on the 1*st* of July, with the exception of boys already holding Scholarships in the school, who are allowed to compete until they attain the age of 17. All the above are tenable for one year only. This scheme is liable to alteration. Scholarships tenable at the Universities: (1) The late Thomas Attree, Esq., founded this Scholarship in the year 1863 in memory of his son; it is of the value of 60*l.* a year, tenable for two years at the University of Cambridge, open to competition every second year to boys who shall have been not less than three years at the College. (2) Mrs. Soames and her family founded three Scholarships in the year 1873, in memory of the late William Aldwin Soames, Esq., one



of the most influential founders of the College; they are of the value of 50*l.* a year each, tenable for three years at Oxford or Cambridge, open to competition, one every year, to boys who shall have been not less than three years at the College. All the Scholarships tenable at the Universities will be awarded after the examination in July. Principal, Rev. Thomas Hayes Belcher, M.A., Queen's College, Oxford. Vice-Principal, Rev. Joseph Newton, M.A., St. John's College, Cambridge, and 15 assistant Masters. Secretary, F. W. Madden, Esq., M.R.A.S.

\* **BRIGHTON, THE WESTERN COLLEGE.** Established 1835. The course of education pursued in this school is one which has been attended with the most successful results, especially in preparing pupils for the Universities, the Competitive Civil Service, the Military Examinations, and the Public Schools, in all of which the pupils have been highly distinguished. Young gentlemen who are intended for Mercantile life, receive a sound instruction in Modern Languages, in Arithmetic, Book-keeping, and other essentials to their future success. 150 certificates (66 with honours) have been gained at the University Local Examinations up to 1873. Terms: from 60 to 100 guineas per annum. Principal, Dr. William Porter Knightley, with assistant Masters.

**BRIGHTON, LYNDHURST, BELMONT.** A limited number of pupils, the sons of noblemen and gentlemen, are received, whose course of instruction is preparatory for the Public Schools; the object being to ground boys thoroughly, that they may be able to take a good position. Terms for board and School fees, 78 guineas per annum. Principal, Rev. F. Lillington, M.A. (late Scholar of Brasenose College, Oxford), assisted by a staff of highly qualified Masters and resident University Tutors. See also Index to Appendix A.

**BRIGHTON, 13, CHESHAM PLACE, KEMP TOWN.** A limited number of high-class pupils prepared for Eton, Harrow, and other Public Schools. Terms: from 60 to 100 guineas per annum. Principal, A. C. Wathen, M.A., Oxon, assisted by resident and visiting Tutors.

**BRIGHTON, WEST, 103, LANSDOWNE PLACE.** Resident pupils, sons of gentlemen only, are prepared for the Universities, Civil Service Competitive Examinations, and Public Schools. Terms: from 9 to 11 years of age, 70 guineas per annum; from 11 to 14 years of age, 85 guineas per annum; from 14 to 16 years of age, 100 guineas per annum; from 16 years and upwards, 120 guineas per annum. The above terms include Tuition in Classics, Mathematics, French, and all the ordinary branches of a sound English Education. The year is divided into three terms. Principal, the Rev. E. Walker, M.A., formerly Scholar and Exhibitioner of Sydney Sussex College, Cambridge. See also Index to Appendix A.

**BRIGHTON, COLLEGIATE SCHOOL, No. 7, SHIP STREET.** This school was established in 1836, for the purpose of providing a sound and liberal education for the sons of persons engaged in Professional and Commercial pursuits. The course of instruction includes the Latin, French, and English Languages, Arithmetic, Algebra, Drawing, and Drilling. The reports of the Cambridge University Local Examinations (at which 11 certificates have been obtained, 20 in honours, up to 1873), and likewise those of the College of Preceptors, exhibit satisfactory proof of the



soundness and thoroughness of the teaching. The charge for tuition in the Upper School is 5*l.* to 10*l.* per annum. Head Master, P. Capon, with 4 assistant Masters.

\* BRIGHTON, TAUNTON HOUSE SCHOOL, 84 and 85, BUCKINGHAM ROAD. Established 1874. Instruction to sons of gentlemen and professional men in Classics, Mathematics, Modern Languages, and English, to 15 boarders at 40 to 55 guineas per annum, and 10 day-pupils at 12 guineas per annum. Pupils are prepared for the Cambridge Locals. Principal, A. Clark, B.A., London.

BRIGHTON, CLIFTONVILLE COLLEGE, SALISBURY ROAD. The school course includes English, Modern Languages, Mathematics, and Science. Pupils are also prepared for the Universities, Woolwich, Sandhurst, Cooper's Hill, etc. Terms: from 65 to 100 guineas per annum. Principal, Alexander Walker, with assistant Masters.

BRIGHTON, 35 and 36, SUSSEX SQUARE, KEMP TOWM. A limited number of high-class pupils only are received, at fees from 70 to 100 guineas per annum, and are prepared for the Public Schools. Principal, Rev. Charles Young, M.A., with resident assistant Masters.

BRIGHTON, 11, SUSSEX SQUARE. Pupils prepared for the Public Schools. The course of education includes Religious Instruction, English, Arithmetic, History, Geography, French, Latin, Greek, Algebra, and Geometry. There are also periodical Science Lectures, illustrated by experiments. Terms: from 79 to 95 guineas per annum. Vacations, 14 weeks. Principal, Rev. H. A. Barclay, M.A., Oxon., with resident assistant Masters.

BRIGHTON, 21, ETON PLACE. 10 pupils prepared for Eton and other Public Schools, at terms from 100 to 150 guineas per annum. Principal, A. A. Carré, B.A., Oxon.

\* BRIGHTON, CLARENDON HOUSE, COLLEGIATE SCHOOL, CLARENDON PLACE. The course of studies comprises Classics, German, French, English, Mathematics, Natural Science, Book-keeping, Land-Surveying, Mensuration, Drawing, Drilling, Swimming, Singing, and Music. Pupils prepared for the Oxford and Cambridge Local Examinations, the College of Preceptors, etc. Terms: from 25 to 35 guineas per annum. Principal, J. Betts, with competent assistant Masters.

BRIGHTON, HIGH SCHOOL FOR BOYS, SCOTSFORD HOUSE, 14, YORK PLACE. Established 1854. The plan of instruction is graduated, practical, and complete, and embraces Latin, Mathematics, English, Drawing, together with a thorough and careful training in the Elementary branches. Terms: from 4 to 8 guineas per annum. Vacations, 10 weeks. Principal, William Pettit, with assistant Masters.

BRIGHTON, HOVE LODGE SCHOOL, HOVE. The course of instruction comprises the Greek, Latin, and French Languages, Mathematics, and the usual English studies. Pupils are prepared for the Oxford and Cambridge Local Examinations, and for the Public Schools. Terms per annum: pupils under 12 years of age, 50 guineas, above that age, 60 guineas. Laundress, 4½ guineas. Dancing, Drawing, German, and Music are extras. There is also a preparatory department, where little boys, too young for

the schoolroom, are trained and taught under the special care of a lady. Principal, Percy White, and experienced Masters.

BRIGHTON, HADDINGTON COLLEGIATE SCHOOL, SPRINGFIELD ROAD. Pupils are received at inclusive fees of 30 guineas per annum. About 25 boarders are in attendance. Principal, A. Fleming Nisbett, assisted by resident Masters.

BRIGHTON, INKERMANN HOUSE, 16, LANSDOWNE PLACE, BRUNSWICK TERRACE. Preparatory school for young gentlemen. The course of instruction comprises a liberal English education, with the rudiments of the French, Latin, and Greek Languages. The charges, payable for each term in advance, are, for pupils under 9 years of age, 39 guineas per annum; for pupils above that age, 45 guineas per annum. There are 3 terms in each year. Principals, Miss Ashby and Miss Mary L. Ashby, assisted by competent Masters.

BRIGHTON, WEST, S. CATHERINE'S LODGE. High-class Preparatory School for the Public and other Schools. Terms: board and instruction in the English and Latin Languages, Geography, Greek, History, and Writing, 45 guineas per annum. Music, French, Drawing, Drilling, and Dancing, on the usual terms. Principals, the Misses Moate, assisted by experienced Masters. See also Index to Appendix A.

BRIGHTON, PREPARATORY SCHOOL, 61, MONTPELLIER ROAD. Instruction in English, French, Latin, Greek, and Drawing, to pupils under 12 years old, at from 60 to 80 guineas per annum. Principal, Mrs. Wolsey White.

BRIGHTON, GROS MONT, 15, DYE ROAD, PREPARATORY SCHOOL FOR YOUNG GENTLEMEN. The course of instruction comprises the usual branches of a liberal English education. Masters attend for Latin and French, Music, Drawing, Drilling, and Dancing, on the usual terms. Fees: for pupils under 10 years of age, 40 guineas per annum; pupils above that age, 50 guineas. The year is divided into 3 terms. Principals, the Misses Pollard.

BRIGHTON, PREPARATORY BOARDING SCHOOL FOR BOYS, 11, ALEXANDRA VILLAS. This School is designed for the sons of gentlemen, under 12 years of age. The course of instruction includes a careful religious training. The secular education is on the most approved modern system, and comprises the usual English studies, French, Latin, Class Singing, and Drawing. Terms: for pupils under 9 years of age, 45*l.* per annum; for pupils over 9 years of age, 50*l.* Principals, the Misses Bailey, with the help of Classical and other Masters.

BRIGHTON, 30, UPPER BRUNSWICK PLACE, PREPARATORY SCHOOL FOR YOUNG BOYS. Terms: for pupils under 10 years of age, 65 guineas per annum; above 10, 80 guineas. These terms include the usual branches of English education, together with French and Latin. Principals, the Misses Load.

BRIGHTON, OXFORD HOUSE, EATON PLACE, PREPARATORY SCHOOL FOR BOYS, between the ages of 7 and 13. The course of instruction comprises thorough English, also Latin, French, Drilling, and Class Singing. Writing Materials and Use of Books are included in the Terms.

Terms : under 10 years of age, 50 guineas per annum. Above that age, 55 guineas per annum. Music, Dancing, Drawing, Greek, German, Seat at Church, and Laundress, are extras. The Vacations correspond with those of the Public Schools. Principal, Miss Roworth, aided by 4 resident ladies, and 6 visiting Masters.

BRIGHTON, 28 BRUNSWICK PLACE, HOVE. Pupils prepared for the Public Schools. Established in 1869. Only a limited number received. The Vacations correspond with those at Eton. Terms : 150 guineas per annum. Principal, Charles George Load, M.A. Cambridge.

\* BRIGHTON, 24 AND 25, MONTPELIER CRESCENT, PREPARATORY SCHOOL for Eton, Harrow, Charterhouse, etc. Terms : 100 guineas. Principal, C. W. Goodbart, M.A.

BRIGHTON, SUTHERLAND HOUSE SCHOOL, 1, GOLDSTONE TERRACE, CLIFTONVILLE. Established 1875. The course of studies embrace the usual branches of a good sound English education, with French, Drawing, Singing, and Music (piano and harmonium). Pupils are prepared for the Examinations of the College of Preceptors. Terms : for day-boys, from 4 to 6 guineas per annum ; boarders, from 20 to 30 guineas per annum. Principal, William W. W. Pettit, with assistant Masters.

\* BRIGHTON, THE WICK, FURZEHILL. Established 1853. Instruction in the highest Classics, Mathematics, French, German, etc., to boys, all boarders, at 70 to 120 guineas per annum. Pupils are sent up for the University Locals, and have obtained great success. Vacations, 13 weeks. Principal, Albert Shelly Creak, M.A., Trinity College, Cambridge, Class Tripos, 1874, with resident assistant Masters, chiefly University men in honours.

BRIGHTON, WELLESLEY HOUSE, WELLINGTON ROAD. Established 1856. Education suited for those intended for Commercial pursuits. Terms : from 60 to 120 guineas per annum. Principal, Samuel Barezyinsky.

BRIGHTON, 17, CANNON PLACE. Established 1824. The education provided is Classical and Mathematical. Only a limited number of pupils received. 20 pupils have obtained certificates at the Oxford and Cambridge Locals up to 1873, 5 in honours. Terms : from 50 to 70 guineas per annum. Principal, H. E. Harris, with 2 resident and 1 non-resident Masters.

BRIGHTON, HURST HOUSE SCHOOL, 17, POWIS SQUARE. Established 1860. The course of instruction embraces thorough English, Classics, French, German, Mathematics, and Drawing. Pupils are prepared for the Universities, the Competitive Civil Service, the Military Examinations, and the Public Schools. Terms : 60 guineas per annum. Vacations, 10 weeks. Principal, Professor A. A. Eisenhofer, with assistant Masters.

BRIGHTON, CLIFF HOUSE SCHOOL, HOVE. The course of education is modern, adapted as much as possible to the probable requirements of each pupil. French and German are thoroughly taught. Only a limited number received. House stands in large grounds. Fees : from 36 to 40 guineas per annum. Principal, R. Avery.

BRIGHTON, 3 AND 4, BELVEDERE TERRACE. Pupils prepared for

the Public Schools and the Navy, at terms from 100 to 120 guineas per annum. The above terms include instruction in Latin, Greek, French, German, Mathematics, Outline Drawing, and in the usual branches of an English education. Principals, J. M. B. Bruton, M.A., and S. R. Osborne, M.A., with resident Tutors.

BRIGHTON, FREEMANTLE HOUSE, 110, LANSDOWNE PLACE, PREPARATORY SCHOOL (boys). A limited number of pupils educated by Classical and other Masters. Terms: from 50 to 60 guineas each. Principal, Miss Bennett.

BRIGHTON, WINDLESHAM HOUSE. Established 1837. About 45 boys are prepared for Eton, Harrow, and other Public Schools, also for the Navy, at terms from 100 to 120 guineas per annum. Principals, Henry C. Malden, M.A., and Charles Scott Malden, B.A., Trinity College, Oxford, with resident Tutors.

BRIGHTON, 52, UPPER BRUNSWICK PLACE. A limited number of pupils prepared for the Public Schools and H.M.S. *Britannia*. Terms: from 100 to 140 guineas per annum. Principal, Lionel King, B.A., Trinity College, Cambridge, with 5 resident assistant Masters.

\* BRIGHTON, CAMDEN SCHOOLS, 4, 5, 6, AND 7, BRUNSWICK ROAD. CAMDEN UPPER SCHOOL is designed for boys above the age of 10, and offers every facility for completing their education, by preparing them for a life either Professional or Mercantile. There are 5 Scholarships of the value of 20*l.* each. Terms: from 60 to 70 guineas per annum. Principal, William Olding, with a staff of resident assistant Masters.

BRIGHTON, CAMDEN LOWER SCHOOL is conducted by ladies, under the minute and daily superintendence of the Principal. It is designed for little boys under the age of 10. They cannot remain after they are 11, except when extreme backwardness or a delicate constitution may justify their doing so till 12 years of age. Fees: 55 guineas per annum. Principal, W. Olding, with a staff of assistant Masters.

BRIGHTON, GLOSTER MIDDLE CLASS SCHOOL, GLOSTER STREET. The course of instruction includes the following subjects: English, Geography, Arithmetic, Algebra, Book-keeping, Latin, and Vocal Music. Vacations, 7 weeks. Fees: from 2 to 4 guineas per annum. Principal, J. Vinall, and 2 assistant Masters.

BRIGHTON, 40, MEDINA VILLAS. Select preparatory school for boys. A limited number are prepared for public and private schools. The course of instruction includes the usual English subjects, and thorough grounding in the elements of Latin and French. The year is divided into three terms. The charge for board and tuition is 50 guineas per annum. Principals, the Misses Fagge. See also Index to Appendix A.

BRIGHTON, SUSSEX HOUSE, BUCKINGHAM ROAD. Only a limited number of pupils received, at terms, for board, residence, and instruction in all the branches of a thorough English education, the Hebrew, French, German, and Latin Languages, pupils under 12 years of age, 50 guineas per annum; above that age, 60. Principal, Rev. J. H. Cohen, with assistant Masters.

BRIGHTON, 21, WELLINGTON ROAD, PREPARATORY SCHOOL. The



course of study includes instruction in Divinity, English (in all its branches), French, German, Latin, Greek, Arithmetic, Mathematics (elementary), Gymnastics, and Swimming; only 8 pupils received. Terms: 60 guineas for boarders per annum. Principal, Rev. W. A. Tooth, M.A., Trinity College, Cambridge.

† BRIGHTON, ARLINGTON HOUSE, EASTERN ROAD, PREPARATORY SCHOOL. The sons of the nobility and others are prepared for the Public Schools. Instruction in English, Greek, Latin, French, Mathematics, etc., etc. Terms: for boarders, from 65 to 70 guineas per annum each. Principal, Mrs. Robert Burman, assisted by resident Graduates of Oxford and Cambridge.

† BRIGHTON, 10, EATON PLACE, PREPARATORY SCHOOL (boys). A limited number of pupils received preparatory for the Public and larger Schools. Annual terms: 45 guineas. Principal, Miss King, assisted by Masters.

† BRIGHTON, MERTON HOUSE, 77 and 77A, MONTPELIER ROAD, PREPARATORY SCHOOL. A limited number of boys boarded and educated for entrance into the Public and larger Schools. Terms: from 60 to 70 guineas per annum. French, Drawing, and Music are extras. The year is divided into three terms. Principals, Rev. R. Daly Cocking, M.A., and Mrs. Cocking.

† BRIGHTON, 102, LANSDOWNE PLACE, PREPARATORY SCHOOL. A limited number of boys educated and instructed in English, Latin, Arithmetic, etc. Terms: 40 guineas per annum. Principal, Miss Jane Smith.

BRIGHTON, FREEMANTLE HOUSE, 110, LANSDOWNE PLACE. Preparatory School for a limited number of little boys, sons of gentlemen, for board and education. Classics and Mathematics are taught by a resident Master. Terms: under 9 years of age, 50 guineas; above that age, 60 guineas, including instruction in the English, French, Latin, and Greek languages, Mathematics, History, Geography, Writing, and Arithmetic. The vacations correspond with Harrow, Eton, etc. Principal, Miss Bennett.

† BRIGHTON, RUGBY HOUSE, ALBERT ROAD, PREPARATORY SCHOOL (boys). A limited number of boys under the age of 14. Instruction in Latin, Greek, French, Arithmetic, Euclid, etc. Annual terms: from 30 to 48 guineas. Principal, Miss Fletcher.

† BRIGHTON, 34, SUSSEX SQUARE, PREPARATORY SCHOOL (boys). A limited number of pupils received. Instruction in English and the elements of Latin, Greek, and French. The elder pupils are taught by Masters who prepare for the Public Schools. Annual terms: for pupils under 8 years, from 55 to 60 guineas. Principals, the Misses Boyd.

BRIGHTON, TREGARTHYN HOUSE, 31, BRUNSWICK ROAD. Preparatory education for the sons of gentlemen. Boys are prepared for Eton, Winchester, Charterhouse, and other Public Schools. Terms: for boys under 7, 50 guineas per annum; above 7 and under 10, 60 guineas per annum; above 10, 70 guineas per annum. Special care of delicate children. Principals, the Misses Tanner, assisted by competent Masters.



BRIGHTON, ARUNDEL COLLEGIATE SCHOOL, KEMP TOWN. The subjects taught to about 40 boarders at this Middle Class School are English, Latin, Greek, Mathematics, French, German, Book-keeping, Shorthand Writing, Drawing, and Music. Pupils are prepared for the College of Preceptors Examinations. The terms are from 30*l.* to 40*l.* per annum. The vacations are a month at Christmas and at Midsummer, and a few days at Easter and Michaelmas. Great attention is paid to the physical training of the pupils. Principal, Eric Charles Williams, who is assisted by a staff of Masters.

BRIGHTON, BRIGHTON GRAMMAR SCHOOL (LIMITED), 10, BLACK LION STREET. Established 1859. President, the Right Hon. the Earl of Chichester, Lord Lieutenant of Sussex; Vice-Presidents, the Ven. Archdeacon Hannah, Vicar of Brighton, with several Members of Parliament and gentlemen of local influence. The Directors and shareholders are legally bound to devote the whole income of the school to the education of its pupils, about 300 in number. The ordinary school course prepares for professional and mercantile pursuits; a special department for the Universities, the Army, and the Home and Indian Civil Services. Pupils have been very successful in various examinations in the Cambridge Local. The school is exceedingly prosperous, and enjoys a high reputation. Fees: from 6 guineas to 20*l.* per annum. Head Master, E. J. Marshall, who receives into his house boarders; terms, from 50 to 55 guineas per annum. There is a large staff of able Masters and University men. Secretary, John Spearing.

BRISTOL (*Gloucestershire*), BRIGHTON HOUSE, BRIGHTON LODGE, AND BRIGHTON COTTAGE SCHOOL, REDLAND PARK, REDLAND. Established 1873. Are very pleasantly situated in one of the healthiest neighbourhoods of the west of England, close to the Downs, which are available for Cricket, Football, and Hockey. About 90 boarders and day-scholars are received. Pupils are prepared for the Medical, Legal, and Civil Service Examinations, as well as for those of Universities and Public Schools, also for the Oxford and Cambridge Local Examinations. Terms: boarders, 60 to 65 guineas per annum; day-scholars, 18 to 20 guineas per annum. Principal, Charles Bigg, with resident and visiting Masters.

BRISTOL, UNIVERSITY COLLEGE. This College is intended to supply to persons of both sexes the means of continuing their studies in Science, Languages, History, and Literature, and more particularly to afford appropriate instruction in those branches of applied Sciences which are employed in the arts and manufactures. Special attention is given to class-teaching and to practical work in the Laboratories, including Chemical, Physical, Electrical, Biological, and Geological studies, and the Engineering Workshop, so as to ensure thoroughness in the work done. Evening courses of lectures and classes at low fees are provided to afford opportunity of improvement to those who are engaged during the day: Medical education is provided by the Bristol Medical School, which is affiliated to the College, particulars of which may be found amongst the Medical Schools. Arrangements have been made in connection with the Department of Mechanical Engineering and Surveying, by which students may spend the 6 summer months as pupils with various engineering firms in or near Bristol. The following Scholarships are in connection with the college: A Gilchrist Scholarship, value 50*l.* per annum, tenable for 3

years; 3 General Scholarships, value 25*l.*, 15*l.*, and 10*l.* respectively, tenable for 1 year; 1 Chemical Scholarship, value 25*l.*, tenable for 1 year; 2 Catherine Mutworth Scholarships, value 15*l.* each, tenable for 1 year, and open only to women. These Scholarships are open to women as well as to men. Some of the staff receive students into their houses, and lists of lodgings are kept at the College. The fees are extremely moderate. Principal, W. Ramsey, Ph.D., and 16 Professors and Lecturers. Registrar and Secretary, Alfred E. Stock.

BRISTOL, 9, CLYDE PARK, REDLAND, BRISTOL. Private lessons given in Classics, History, Literature, and Divinity, to a few private pupils. Pupils prepared for Oxford and Cambridge Local Examinations, the LL.A. Examination (St. Andrew's), and the Professional Preliminary Examination. The Principal is authorized by the Council of University College to take 4 students as boarders. Terms: 120 guineas per annum. Principal, Dr. Langley, late Registrar of University College.

† BRISTOL, CAMDEN HOUSE SCHOOL, S. MICHAEL'S HILL. Course of education: Classics, Mathematics, French, German, etc. Boarders, at 40 to 50 guineas; day-boys, at 10 to 16 guineas per annum. Principal, William Benham, Ph.D.

BRISTOL, GRAMMAR SCHOOL, S. MARY REDCLIFFE. Founded by Queen Elizabeth, in 1571, as an elementary school. Endowment, 17*l.* per annum. The school appears to be now in abeyance.

\* BRISTOL, GRAMMAR SCHOOL (*1st. Grade*). Founded 1536, by Robert Thorne. Endowment, about 2,000*l.* This is a first-grade Classical school, with a modern department. Number of pupils, about 300, at fees from 9*l.* to 12*l.* for day-boys, 40*l.* to 60*l.* for boarders. There are 2 Scholarships of 100*l.* each, tenable for 5 years at S. John's College, Oxford; 4 of 50*l.* each, tenable for 4 years at any college of Oxford or Cambridge; 12 varying from 12*l.* to 25*l.*, tenable at the school. 125 certificates had been gained by the pupils at the University Local Examinations up to the end of 1873, 88 of these being with honours. Vacations, 14 weeks. Head Master, R. L. Leighton, M.A., with 14 non-resident assistant Masters.

BRISTOL, BRISTOL CATHEDRAL SCHOOL. Founded in the 36th year of King Henry VIII., re-organised under a scheme approved by the Queen in Council, February 1875. The aim of this School is to provide instruction for the Choristers of the Cathedral Church and other boys, being boarders or day-scholars, who seek "an education higher than elementary, in accordance with the doctrines of the Church of England." The school year is divided into 3 terms. All scholars pay a tuition fee (including all subjects taught in the school) of 2*l.* a term, or 5*l.* a year. Boarders are received into the Head Master's house. Boys, other than Choristers, are not admitted under 8 years of age. Head Master, Rev. Henry W. Pate, M.A., S. John's College, Cambridge, and 3 assistant Masters.

\* BRISTOL, QUEEN ELIZABETH'S HOSPITAL SCHOOL (*3rd Grade*). Founded in the reign of Queen Elizabeth. Endowment, about 6,000*l.* Free instruction and maintenance to 160 pupils between the ages of 10

and 12. Under this new scheme a sum of 200*l.* is set apart for Exhibitions to some higher school or centre of manufacturing industry. Examinations held annually by a Graduate of Cambridge. Pupils are also sent up for the University Locals, and up to the end of 1873 had obtained 43 certificates, 33 being with honours. Thomas S. Cayser, and assistant Masters, most of whom are resident.

BRISTOL, DURDHAM DOWN, LUCCOMBE HOUSE SCHOOL, REDLAND GREEN. A Preparatory School for the Public Schools for sons of gentlemen between 7 and 14. The education includes thorough English, French, and Latin. Terms: boarders, 40 guineas per annum; weekly boarders, 35*l.* per annum; day-scholars, 8 to 10 guineas per annum. The school year consists of 3 terms. The vacations are, 2 weeks at Easter, 6 weeks from end of July, and 4 weeks at Christmas. Pupils may enter at any time. Every home comfort and care, with liberal diet. Rev. Henry Rudge, 7 years Senior Curate of St. John's, Clifton, assisted by 6 competent Masters and Teachers.

BRISTOL, CITY ROAD SCHOOL. Founded 1867. Education thoroughly Mercantile, and includes Latin and French, Oil and Water-Colour Painting. 50 pupils, all day-scholars. Examinations at Midsummer and Christmas. Vacations, 8 weeks. Head Master, W. H. Jones.

\* BRISTOL, ASHLEY HOUSE SCHOOL, KINGSDOWN. Established 1862. The course of instruction embraces all the subjects required for entrance upon the Medical or Legal professions, as well as those for the Oxford and Cambridge Local Examinations, at which, up to 1873, 30 certificates had been obtained, 9 in honours. The distinctive educational features of the school are that the English subjects and the Modern Languages have the greatest prominence, and are thoroughly and systematically pursued throughout the entire school course, and the Mathematical training is rigid and complete. The Classical element, though not neglected, is not used as the sole or even the main instrument of mental culture. Terms: for boarders, from 40 to 50 guineas per annum; day-pupils, from 10 to 12 guineas. Vacations, 13 weeks. Principal, Thomas Turner, F.S.S.; Head Master, Rev. T. W. Turner, M.A. Two resident and 6 visiting Masters.

BRISTOL (*near*), DURDHAM DOWN, WESTBURY LODGE. Pupils prepared for the Universities, Public Schools, Home and Foreign Civil Services, and also for instruction in the more general branches of a liberal and commercial education. The course of study comprises Classics, Modern Languages, Mathematics, Natural Science, History, Geography, Navigation, Book-keeping, etc. French and German hold a prominent position in the instruction. Terms: boarders, 50 to 60 guineas per annum; day-scholars, 12 to 16 guineas per annum. Principal, Mr. de Winton, with 5 assistant Masters.

† BRISTOL, QUEEN SQUARE ACADEMY. A limited number of pupils instructed in all the essentials of a sound English education. Terms: for boarders, 22 guineas per annum. French, Drawing, etc., are extras. Prizes are awarded half-yearly. Principal, J. Tapson, with resident assistant Masters.

**BRILL** (*Bucks*), **COMMERCIAL SCHOOL**, near **THAME** (*Oxon*). Established 1874, to give a general English education with French, Latin, etc., to day-scholars, who pay 4 guineas per annum, and boarders pay 20 to 24 guineas per annum. Vacations, 12 weeks. Principal, F. Umfrey.

**BRIXTON** (*Surrey*). See **LONDON**, S.W.

**BROADSTAIRS** (*Kent*), **LINDENTHORPE**. At this select school boys are prepared for the Public Schools; the course of instruction comprising all the branches of a thorough English education, with Latin and French. The salubrious and bracing air of Thanet is well known, and Lindenthorpe occupies one of its healthiest sites, overlooking Broadstairs, with a commanding view of the sea, from which the house is separated by two fields. Fees: boys under 10 years of age, 50 guineas per annum; above that age, 60 guineas per annum. Music, Drawing, Gymnasium, Share in Games, and Seat at Church are the only extras. The year is divided into the following terms: Spring term, 20th January to 14th April; Summer term, 1st May to 28th July; Autumn term, 12th September to 20th December. Principal, W. Oak Rhind, with assistant Masters. See also Index to Appendix A.

**BROADSTAIRS, THE VALE, COLLEGIATE SCHOOL**. This school is designed for the education of the sons of professional and commercial men. The course of instruction comprises the Greek, Latin, German, and French Languages, Mathematics, and English Literature and Composition, etc. Terms: 40 guineas per annum. There is a preparatory department; terms, 35 guineas per annum. Principal, Richard J. Burbidge, A.K.C., London University, assisted by resident and visiting Masters.

**BROMFIELD** (*Cumberland*), **GRAMMAR SCHOOL**. Founded in 1615, by Richard Osmotherlawe. Instruction of an elementary character. Endowment, 50*l.* a year, with house. Head Master, S. C. Tomlinson.

**BROMLEY, KENT, QUERNMORE HOUSE SCHOOL, HOLWOOD ROAD, AND AT 24, CHANCERY LANE, LONDON**. Pupils prepared for the Public Schools, Army, Law, Universities, Civil Service, and all Public Examinations. This Establishment was started in September 1880, and at the present time there are 45 pupils, resident and non-resident. Out of the last 67 pupils sent up, 61 have been successful. Open Scholarships have also been won at Eton, Westminster, and Charterhouse. Principal, John Gibson, M.A., First Class Classical Tripos 1874, late Foundation Scholar and Prizeman of Trinity College, Cambridge, and Assistant Master at Westminster School, assisted by 3 resident Graduates and visiting Professors.

**BROMPTON**. See **LONDON**, S.W. DISTRICT.

**\*\* BROMSGROVE** (*Worcester*), **KING EDWARD'S SCHOOL**. Founded by King Edward VI., and re-founded and endowed by Sir Thomas Cooke, Bart., 1693. Education, Classical and Modern, with a view to the Universities and Military and Civil Services. Number of pupils, between 70 and 80. Boarders are received by the Head Master, and pay from 70*l.* to 85*l.* per annum; sons of clergymen, between 60*l.* and 65*l.*; day-boys, 16 guineas. Twelve day-boys, who are admitted by competitive examination, pay 5*l.* per annum only. There are 8 Scholar-



ships, tenable for 6 years at Worcester College, Oxford, value 55*l.* per annum. Examined annually by Joint University Board, and at the middle and end of term by the school authorities. Vacations, 14 weeks. Head Master, Herbert Millington, M.A., assisted by 5 resident Graduates in honours.

\* BROMSGROVE, COLLEGE SCHOOL. Established 1859. There are 3 departments: 1. Classical; 2. Modern; 3. Preparatory. Number of pupils, 70; at terms, for day-boys, 6 to 16 guineas; boarders, 30 to 60 guineas per annum inclusive. 27 certificates have been gained by the pupils at the University Local Examinations up to 1873, 4 in honours. There is 1 Exhibition yearly, value 10*l.*, tenable for 3 years. Examinations are held at the end of the third term by the Cambridge Syndicate. Vacations, 13 weeks. Principal, Samuel Saywell, M.A., Trinity College, Dublin, and 5 assistant Masters, Graduates.

BROMYARD (*Herefordshire*), GRAMMAR SCHOOL. Founded by Queen Elizabeth, 1567. Endowment, 35*l.* per annum, and 165*l.* per annum from the Goldsmiths' Company, London. Instruction in Classics, Mathematics, and for Commercial pursuits, to about 25 scholars from 7 years old, sons of parishioners, at 1*l.* per annum each. The school is under the government of the Goldsmiths' Company. Head Master, Rev. H. W. Weltch, B.A.

BROUGH (*Westmoreland*), WINTON CHURCH OF ENGLAND GRAMMAR SCHOOL. Founded 1506, by J. Brunskales and T. Blenkinsop. Endowment, 7*l.* 11*s.* per annum. This and Stainmore's Grammar School here are now merely Elementary English Schools. Master, Isaac Clark.

BROUGHTON. See MANCHESTER.

BROUGHTON *near* PRESTON (*Lancashire*), GRAMMAR SCHOOL. Founded in 1600. The instruction is quite elementary: Endowment, 100*l.* Head Master, vacant.

BROUGHTON, KIRKBY IRELETH GAMMAR SCHOOL. Founded in 1783, by Edward Taylor. Endowment, 6*l.* per annum. Head Master, not yet appointed, the School being in abeyance.

BRIGHOUSE (*Yorkshire*), LARK HILL ACADEMY. Pupils prepared for Oxford and Cambridge Local, London, Matriculation, Preliminary, Medical, Law, and Apothecaries, etc., and the Science and Art Examinations in connection with South Kensington. Number of pupils, from 40 to 50. Fees: from 4*l.* to 8*l.* per year; boarders, 30*l.* to 40*l.* per annum. Principals, Messrs. Nelson and Young.

BRUTON (*Somerset*), THE KING'S SCHOOL. Founded A.D. 1520, by Richard Fitzjames, Bishop of London. Restored A.D. 1549, by King Edward VI. Endowment, nearly 1,000*l.* per annum. The course of instruction is designed to furnish a sound Classical and Mathematical training preparatory to the Universities; but much attention is paid to English Literature, Foreign Languages, and Natural Science. There are about 40 pupils; and there are 2 Foundation Exhibitions, each of the annual value of 30*l.*, tenable for 3 years at the Universities or elsewhere. Four "Hugh Sexey" Scholarships of 50*l.* each per annum, and four of 25*l.*, are tenable in the school for 4 years. Fees: for day-



boys, 4*l.* to 5*l.* ; for boarders, 50 to 60 guineas. Amongst eminent pupils of the school now living are, Mr. Justice Field, Commander Cameron, C.B., Col. Sir Francis Festing, K.C.M.G., of Ashanti fame, Col. Sir C. K. Pearson, K.C.M.G., the defender of Ekowe. Col. Sir Edmund Henderson, K.C.B., Dr. Dyne, late Head Master of Highgate School, Dr. Henderson, Head Master of Leeds, etc. Head Master, Rev. D. E. Norton, M.A., Oriel College, Oxford, with 3 resident assistant Masters, and 3 visiting Masters.

BUCKHURST HILL (*Essex*), COLLEGIATE AND COMMERCIAL SCHOOL. Instruction in Classics, Mathematics, French, German, and English course. Pupils prepared for the College of Preceptors, and other Examinations. Day-boys, from 5 guineas ; boarders, at 25 to 30 guineas per annum. Principal, H. J. Merriman, B.A. (London).

BUCKHURST HILL, HILLINGTON HOUSE. Preparatory and boarding school for boys. A thoroughly sound preparation for Public Schools is given. Latin and Drawing are included in the terms for English. There are three terms in the year, commencing January, May, and September. Terms : for boarders, 45*l.* ; day pupils, 7 to 9 guineas per annum, besides extras. Principal, Miss Cunningham.

BUCKINGHAM, ST. JOHN'S ROYAL LATIN SCHOOL. Founded 1548, by Edward VI. Endowment, 10*l.* Instruction to 50 boys—half being boarders and 6 on Foundation—in English, French, Classics, Mathematics, Science, German, Vocal Music, and Drawing. Boarders pay 27 to 36 guineas, day scholars 6 to 8 guineas. Vacations, 12 weeks. Head Master, Rev. Thomas Cockram, B.A., T.C.D., with 2 resident and 2 non-resident Masters.

BUDLEIGH SALTERTON, CLIFF HOUSE SCHOOL. In this school an efficient system of preparation is adopted to qualify the sons of gentlemen for the Entrance Examinations, and for the Competitive Exhibitions at the Public Schools and the Royal Navy. No assistance is spared to dull or backward boys in giving them particular and individual help. Tuition fees : for day scholars, 5 guineas per annum. Boarders are received. Head Master, T. Burnet Darling, late Lower School Master at Tavistock.

† BUDLEIGH SALTERTON (*South Devon*), OTTERBOURNE. A few pupils prepared for the Public Schools and Universities, at terms from 90*l.* to 140*l.* per annum. Principal, the Rev. G. G. Woodhouse, Oxon, with assistant Masters.

\* BUCKLAND, WEST (*Devon*), DEVON COUNTY SCHOOL. Founded 1858. The education is such as is necessary for passing the Oxford and Cambridge Local and similar Examinations. The school is a centre for both the Oxford and Cambridge Examinations. There are 150 boys. Fees for the ordinary school course, about 32*l.* Usually nearly half the school are presented at the Oxford and Cambridge Local Examinations ; during the last five years 27 certificates in First Class Honours have been obtained at the Oxford and Cambridge Local Examinations by pupils of the school. About 3,000*l.* has been given to the school, the interest of which is applied to Scholarships. The late Earl Fortesque, K.G., gave 1,000*l.* to endow a Chaplaincy to the school. His Grace the 7th Duke of Bedford presented 250*l.*, and his Grace the 8th Duke of

Bedford 1,000*l.* to the school, the interest of which is devoted to Scholarships, called the Duke of Bedford's Scholarships. Vacations, 12 weeks. Principal, Rev. J. H. Thompson, M.A. (Jesus College, Cambridge), and 6 resident Masters.

**BULWELL** (*Notts*), **FREE SCHOOL**. Founded 1668, by George Strelley. Endowment, 18*l.* per annum, and house. Was founded to teach Latin and to prepare for the University, but is now merely an Elementary English School.

**BUNBURY** (*Cheshire*), **ALDERSEY GRAMMAR SCHOOL**. Founded 1594, by Thomas Aldersey. Connected with Haberdashers' Company, London, who appoint the Head Master. Endowment. 44*l.* per annum. Instruction in Latin and English course to about 140 boys. Head Master, William Bailey, C.M., with resident assistant Masters.

\* **BUNGAY** (*Suffolk*), **GRAMMAR SCHOOL**. Founded 1592, by Thomas Popeson. Annual endowment, 60*l.* Nearly 100 boys receive instruction in Classics, Mathematics, Modern Languages, and usual English course. All boys of good character and sufficient health are admitted at the age of 8 years ; but no boy can remain in the school after the age of 17 years. The examination for admission is graduated according to the age of the boy ; but shall never fall below the following standard, that is to say :—Reading, Writing from dictation, and sums in the first four simple rules of Arithmetic, with the Multiplication Table. The Examination shall take place at the School the day before the term begins. Every boy pays to the Head Master a fee of 3*l.* a term, which includes books and stationery. In addition to the above fee every boarder under 10 years of age pays 10*l.* a term, and above that age 12*l.* a term, and weekly boarders 9*l.* a term. Half-yearly Examinations. Vacations, 13 weeks. Head Master, Rev. G. W. Jones, M.A., Cantab.

**BUNTINGFORD** (*Herts*), **GRAMMAR SCHOOL (2nd Grade)**. Founded by Elizabeth Freeman, about 1620. Endowment, 75*l.* per annum, and school buildings. The nature of the education is suited for those preparing for business and the professions, and includes in the ordinary course, Latin, French, and German. There are 4 Exhibitions, 12*l.* per annum, tenable for 7 years at Christ College, Cambridge. Fees : for day-boys, from 5*l.* to 10*l.* ; for boarders, from 40*l.* to 50*l.* per annum. Vacations, 10 weeks in the year. New buildings are to be erected. The Chairman of Governors is Abel Smith, Esq., M.P. ; Vice-Chairman, the Rev. W. Jowitt, late Head Master of the City of London Middle Class School. Principal, Rev. T. J. Berwick, M.A., Queen's College, Oxon, assisted by a resident Cambridge Graduate.

\* **BURFORD** (*Oxon*), **GRAMMAR SCHOOL (2nd Grade)**. Founded 1571, by Simon Wisdom. Endowment, 227*l.* per annum. Only 35 pupils, 15 being boarders until new buildings are completed. The course of instruction embraces Latin, Greek, French, German, Mathematics and English. Fees ; 6*l.* per annum ; boarders pay 36*l.* a year. Vacations, 10 weeks. Dr. Peter Heylin, Marchmont Needham, C. Jenkinson (afterwards Lord Liverpool), Sir W. Beechy, R.A., the Earl of Rochester (Wilmot), were educated here. Head Master, Rev. F. M. Crapper, M.A., Oxon, with 2 assistant Masters.

BURNESTON. See BEDALE.

\* BURNLEY (*Lancashire*), GRAMMAR SCHOOL (*2nd Grade*). Founded temp. Edward VI. Endowment, 255*l.* per annum. One of the chief features of the school is the Laboratory, which was arranged according to the special suggestions of the late Sir J. P. Kay-Shuttleworth, then Chairman of the Governors. The syllabus of instruction comprises, in the first instance, all the elements of a sound English education, grounding boys intended for commerce, or for the Oxford and Cambridge Local Examinations. To these subjects are superadded Mathematics, Latin, French, German, Natural Science, Testament History. Only day-boys are admitted at the age of 8, after an entrance Examination in Reading, Writing, the simple rules of Arithmetic, and the Geography of England. There are 5 Elementary School Exhibitions, exempting the successful candidates from the payment of school fees, besides Scholarships and Prizes. The late Canon Raines, Lancashire antiquary, was at this school about 1820, also P. G. Hamerton, artist, and editor of *Portfolio*. Tuition fees: 7 to 9 guineas per annum. Vacations, 12 weeks. Head Master, J. Langfield Ward, M.A. (Cambridge), and 3 assistant Masters.

\* BURNLEY, CARLTON ROAD SCHOOL. Established 1861. The course of instruction, to about 150 day-scholars, includes the usual elementary subjects, the higher branches of Mathematics, Chemistry, Natural Philosophy, including Drawing, Latin, and French. Pupils are prepared for the Oxford and Cambridge Local Examinations. Fees: from 4 to 6 guineas per annum. Principal, W. M. Grant, with 2 assistant Masters.

BURNHAM WESTGATE (*Norfolk*). THE COLLEGIATE SCHOOL. The education is suited for those intended for a commercial career. Terms: from 40 to 45 guineas per annum. Principal, W. Tweedy.

† BURNSIDE, *near* KENDAL, ENDOWED SCHOOL. Founded 1787, by Allan Fisher. Endowment, 21*l.* 10*s.* per annum. Instruction in English course to 110 boys (6 of whom are free the rest paying 12*s.* to 24*s.* per annum). Head Master, T. Jones, and 2 assistant Masters.

† BURTON TARPORLEY (*Cheshire*), BISHOP WILSON'S SCHOOL. Founded 1724, by Bishop Wilson. Endowment 45*l.* per annum, with house. Is now an Elementary School merely, for children of both sexes. Under a Schoolmistress.

\* BURTON-ON-TRENT (*Staffordshire*) STAPENHILL, THE GRAMMAR SCHOOL (*2nd Grade*). Founded 1520, by Abbot Bene. Participates in an endowment of more than 1,000*l.* per annum. Preparation of about 70 pupils, chiefly day-scholars, for the Universities, Army, Navy, Civil Service, Professional, or Commercial life, as may be desired. There are 3 free scholarships competed for annually, 3 Exhibitions of 50*l.* per annum, tenable for three years at any English University. Examination held annually by the Cambridge Syndicate. Boys are admitted after Examination by the Head Master, according to provisions of scheme. The Cambridge Local Examinations are held annually at the school. Tuition fees, 9*l.* and 12*l.* per annum; 10*l.* and 13*l.* if Greek is learnt. Vacations, 13 weeks. Head Master, Rev. T. A. Becket, M.A., and other assistant Masters.

BURTON LATIMER (*Northampton*), GRAMMAR SCHOOL (*3rd Grade*). Founded in 1582, by Elizabeth Burbank. Endowment, 55*l.* per annum. Head Master, vacant.

BURTON (*Westmoreland*), FREE GRAMMAR SCHOOL. Founded 1657. Endowment, 82*l.* per annum. Has been for some time closed, and its income divided amongst the poor of the parish, under the control of the Endowed School Commissioners.

BURY (*Lancashire*), THE GRAMMAR SCHOOL. Founded 1729. Endowment, 800*l.* The education is Classical and Modern, and embraces Greek, Latin, French, English, Mathematics, and Science. There are 2 Exhibitions, of the joint value of 45*l.* Examinations are held annually. Vacations, 12 weeks. The tuition fees in the Upper School are 8 guineas per annum, and in the Lower School 4 guineas per annum. Sir J. Holker, Q.C., was educated at the school, lately appointed to Judgeship; also Rev. Wood, D.D., Dean of Ely, and Master of St. John's, Cambridge. Head Master, Rev. W. H. Howlett, M.A., with 8 assistant Masters.

\*\* BURY ST. EDMUND'S (*Suffolk*), KING EDWARD VI.'S SCHOOL (*1st Grade*). Founded 1550. Endowment, about 700*l.* a year. The regular course of study includes the Greek, Latin, Hebrew, French, and German Languages, English, Mathematics, Natural Philosophy. Two perfectly open Exhibitions and 2 Gold Medals, with various prizes of books, are annually awarded by examination to the most deserving candidates. One of these Exhibitions is of 40*l.* per annum for 4 years, tenable at either University; the other of 20*l.* per annum for three years, tenable at Cambridge only. There is also an Exhibition of 18*l.* per annum for 3 years at St. John's College, Cambridge, appropriated to scholars from this school. Examinations are conducted annually by the Oxford and Cambridge Schools Examination Board. Fees: for "Royalists," sons of inhabitants of the town, 8 guineas per annum; for "Foreigners," 16 guineas. Vacations, 14 weeks. Head Master, C. Sankey, M.A., Queen's College, assisted by Graduates and foreign Masters. A new scheme has come into operation.

\* BURY ST. EDMUND'S, GUILDHALL SCHOOL. Founded 1838. Endowment, 320*l.* per annum, "from Trusts of Guildhall feoffment." The course of instruction embraces Latin, Mathematics, French, Book-keeping, etc. Pupils are sent up for the University Locals. 37 certificates had been gained up to the end of 1873, when Mr. J. Jackson was the Head Master. Fees, 3*l.* per annum. Vacations, 12 weeks. This school continues to be eminently successful at the Local Examinations. Head Master, T. Jones, B.A., with 3 Assistants.

BURY ST. EDMUND'S, SOUTH HILL SCHOOL, LATE COLLEGE STREET. Established 1848. The system of instruction includes Classics, Mathematics, Modern Languages, and English. There are 120 pupils, of whom 100 are boarders. Vacations, 14 weeks. R. F. Aldridge, M.C.F., and 7 Assistants.

† BUTTERWICK (*Lincolnshire*), FREE GRAMMAR SCHOOL. Founded 1665, by Anthony Pinchbeck. Endowment, 297*l.* per annum, with house. Instruction to 35 boys, all free, in English course, with Classics if required. Has 1 Exhibition of 20*l.* for poor scholars, surnamed Pinchbeck, which, however, is never claimed. Head Master, vacant.



BUXTON (*Derbyshire*), ENDOWED SCHOOL (2nd Grade). Founded 1674. Endowment, 90*l.* per annum. This school has now been re-organized under a new scheme. Head Master, Rev. T. B. Waddell, M.A.

BUXTON, PARK HURST SCHOOL. Provides a sound practical education, with Classics and Mathematics. Terms, 60 guineas per annum. Vacations, 13 weeks. New and commodious premises specially designed for a school by the Principal. Number of pupils limited, so that individual attention may be secured; number of boarders about 20; day-pupils about 12. School has been very successful in Public Examinations. Principal, D. Johnson, M.A. (Aberdeen).

BURGESS HILL (*Sussex*), HOLMESDALE HOUSE (9 miles from Brighton). Boys are prepared for the Public Schools. Terms, from 75*l.* to 84*l.* Principal, Seymour McC. Hill, M.A., Oxon.

BUSHEY (*Herts*), BOURNE HALL. Established 1843. The education is suited for those intended for a Commercial life, and includes sound English, Latin, German, and French. Vacations, 11 weeks. Principal, H. L. Biggs, and 3 Assistants.

## C.

† CADDINGTON (*Hertford*), GRAMMAR SCHOOL. Founded by Thomas Coppin, in 1602. Endowment, 70*l.* This is an Elementary School for instruction in Latin and English. Head Master, vacant.

CAERMARTHEN (*Caermarthenshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (1st Grade). Founded by letters patent, 1576. Incorporated with Sir Thomas Powells' school by an order of the Court of Chancery, dated January 2nd, 1856. The school is a first-grade school. The course of instruction comprises all the subjects that are required to thoroughly fit boys for the Universities and the learned Professions, as well as for the various branches of Commercial life. Terms: capitation fees, payable in advance, boys under 12, 4*l.* 4*s.*, over 12, 8*l.* 8*s.*; boarders with the Head Master, from 28 to 40 guineas. Vacations, about 13 weeks. Head Master, A. F. Laloe, B.A., London, B. es L., University of France, assisted by 2 resident, 1 non-resident, and 2 visiting Masters.

\* † CAISTOR (*Lincolnshire*), FREE GRAMMAR SCHOOL. Founded by the Rev. F. Rawlinson in 1630. Endowment, 340*l.* per annum. Instruction to 50 boys, paying in Upper School, where Classics and Mathematics are taught, 2*l.* 8*s.* per annum. Head Master, vacant.

† CALNE (*Wilts*), FREE GRAMMAR SCHOOL. Founded 1660, by John Bentley. Endowment, 50*l.* per annum, with house. Instruction to 50 boys, paying 2 guineas per annum each, in Modern Languages and English Commercial education. Has 2 Exhibitions, of 20*l.* and 18*l.* respectively, tenable by natives of County, at Queen's College, Oxford. Head Master, vacant.

CAMBERWELL (*Surrey*). See LONDON, S.E. DISTRICT.

CAMBORNE (*Cornwall*), TREVU ROAD ACADEMY. Established 1863. The ordinary course of instruction is pursued at this school to 50 pupils. The terms for day-boys are 4 guineas; for boarders, from 24 guineas



a year. Vacations, 10 weeks. Principal, Thomas H. Vincent, with 3 assistant Masters.

CAMBORNE (*Cornwall*), HOMEFIELD HOUSE SCHOOL. Pupils are prepared for the Universities, the Public Schools, the various Examinations, and for Professional or Commercial Life. The course of study includes Religious Knowledge, Classics, Mathematics, French, German, and the usual English subjects. Fees for Boarders, from 50 to 60 guineas. Weekly boarders from 40 to 50 guineas, day boys from 10 to 15 guineas. Drawing, Music, and Drilling are extra. The School Year is divided into 3 terms, the vacations being 6 weeks in the Summer, 4 at Christmas, and 2 in the Spring. There are at present 44 pupils, of whom about half are resident. 62 Certificates, 31 of these in honours, had been gained at the Oxford and Cambridge Locals up to 1881. Head Master, C. L. Ford, B.A., with three assistant Masters.

CAMPDEN CHIPPING. See CHIPPING CAMPDEN.

\* CAMBRIDGE, PERSE GRAMMAR SCHOOL (*1st Grade*). Founded 1615, by Dr. Stephen Perse. Endowment, about 600*l.* per annum. Is a first-grade school, by a scheme of the Endowed Schools Commission in 1873. The school is divided into a senior and junior department. The teaching of the senior department is the same in every respect as that of our large Public Schools, and is directly preparatory for the Scholarship, Matriculation, Previous, and other Examinations of the Universities, as well as for the Army, Civil Service, etc. Pupils from this Department have been highly successful at the Universities, more than 80 Scholarships and other valuable emoluments having been gained in the 14 years ending 1881. The junior department is preparatory to the senior; but it also serves the purpose of a Modern or Commercial School, and prepares specially for the Lower Division of the Civil Service. There are 150 day-scholars, of which 25 are free as a reward of merit only, and 25 boarders at present. Tuition fees, in senior department, 14*l.* per annum; for junior department, 7*l.* 10*s.* per annum. Boarding fee, 50*l.* Vacations, 13 weeks. Head Master, John Barrow Allen, M.A., with 7 regular and 3 occasional Masters.

\* CAMBRIDGE, LLANDAFF HOUSE. Established 1798. The syllabus of studies includes Mathematics, Greek, Latin, French. Pupils are sent up annually for the Cambridge Locals with great success, 98 certificates having been gained by pupils up to the end of 1873, and 33 in honours. Fees: for non-resident pupils, 12 guineas per annum; resident pupils, 35 to 40 guineas per annum. Vacations, 13 weeks. Principal, W. H. F. Johnson, M.A., Trinity College, Cambridge, with 2 resident assistant Masters.

CAMBRIDGE, CAMBRIDGE HOUSE. Established 1830. The system of education includes English, Greek, Latin, French, Arithmetic thoroughly, and Mathematics. Terms: for boarders, from 27 to 36 guineas per annum; for day-pupils, from 4½ to 6 guineas per annum. Vacations, 13 weeks. Principal, D. Lloyd, with 2 resident and 3 non-resident assistant Masters.

\*\* CAMBRIDGE, THE LEYS SCHOOL. This school is designed to afford a first-class education, and has now more than 125 pupils, is open to all

boys between the ages of 10 and 19, who are nominated by life-donors or donors of the school. The annual charges for boys nominated as above mentioned are as follows: ordinary charge for board and education, 80 guineas; ditto, for boys under 12, 75 guineas. Before the admission of a boy into the school, a certificate of good conduct and character is required. Head Master, the Rev. Dr. W. F. Moulton, M.A., and 14 assistant Masters.

**CAMBRIDGE, NOORTHEY SCHOOL.** The curriculum of studies embraces Languages, Mathematical, Physical, and Political Sciences, etc. Terms: for boarders, from 50 to 60 guineas per annum; day-pupils, 25 guineas per annum. There are 4 Scholarships awarded by the Principal. Principal, Samuel Bull, B.A., London, and assistant Masters.

**CAMBRIDGE, 2, ALL SAINTS' PASSAGE.** Private tuition for the Army, and University Examinations. The successes of students under these Tutors are remarkable, but too numerous to admit of any detail in the limited space afforded in this work. Principals, E. H. Griffiths, M.A., F.G.S., and Gordon Campbell, M.A., LL.M., Oxford and Cambridge.

**CAMBRIDGE, CIVIL AND MILITARY HOSTEL.** Tuition for the Army, Indian and Home Civil Service Examinations. President, T. W. Levin, M.A., 13, Trumpington Street, Cambridge.

**CAMBRIDGE, CLARE HOUSE SCHOOL (PREPARATORY).** A limited number of the sons of gentlemen prepared for the Public Schools. Terms: 50 to 60 guineas per annum. Principal, Miss Lankester.

**CAMBRIDGE, MERTON HALL.** A few resident pupils prepared for the Universities, etc. Terms, 200*l.* a year. Principal, Rev. J. P. Taylor, Senior Fellow, Dean and Lecturer of Clare College, Cambridge.

**CAMBRIDGE, ST. ANDREW'S STREET.** A limited number of the Sons of the Nobility and Gentry prepared for the Army, Civil Service, Legal, Medical, Ordination, Universities, and other Examinations; including the Higher Honour Examinations of the University of Cambridge. The year is divided into three terms. Each Pupil has a separate bedroom. The fees are 150 guineas per annum. The Rev. F. C. Lambert, M.A., Downing College (ex-scholar of St. John's College), Cambridge, Graduate in Mathematical and Natural Science Honours.

**CANONBURY.** See LONDON, N. DISTRICT.

† **CANTERBURY (*Kent*), CLERGY ORPHAN SCHOOL.** Founded 1749, and removed to Canterbury 1855. Supported by Clergy Orphan Corporation. Instruction in Classics, Mathematics, French, and English to, and maintenance for, 94 boys, all free. They are elected by the Governors twice a year, and must be orphans between 8 and 12 years of age, and sons of clergymen. Has 1 Exhibition annually of 60*l.*, tenable 3 years at University. Vacations, about 12 weeks. Head Master, the Rev. C. Matheson, M.A., and several assistant Masters.

\*\* **CANTERBURY, THE KING'S SCHOOL (1st Grade).** Founded 1541, by Henry VIII. Endowment, in connection with the Dean and Chapter Fund, amount not stated. Education in Classics, Mathematics, Modern Languages, and liberal English course, for about 125 boys, 50 of whom are foundation boys, or King's Scholars, who are elected by competitive

examination, and derive advantages from the foundation in proportion to their merits, whereby they are severally classed probationers, junior scholars, and senior scholars. The fees are : for commoners, 15 guineas ; for probationers, 5*l.* 10*s.* ; junior scholars are elected for 5 years, and pay no fees ; the senior scholars receive in addition a stipend of 14*l.* 4*s.* per annum. There are 7 open Exhibitions from this school, of 50*l.* per annum, and 1 of 30*l.*, tenable for 4 years at Oxford or Cambridge. Boarders pay from 40 to 50 guineas, besides school fees. Vacations, 14 weeks. Head Master, the Rev. G. J. Blore, D.D., and 8 assistant Masters. Junior department, Head Master, Rev. R. G. Hodgson, M.A.

CANTERBURY, MIDDLE CLASS SCHOOL. This school, for which a new scheme was issued by the Charity Commissioners about two years ago, has an endowment of more than 500*l.* a year ; it will have valuable Scholarships tenable in the school, open to competition, and also leaving Exhibitions, tenable at a place of higher education. It thus forms a link between the elementary schools and the King's School, and enable any boy of good abilities, whatever may be his station in life, to make his way to one of the Universities. There is also on the same foundation a girls' school, with an endowment of 300*l.* a year, and with Scholarships and Exhibitions similar to those of the boys' school. See volume ii. There are 59 boys and 68 girls, all day scholars, and the schools were opened in April 1882. Head Master, G. H. Nelson, M.A., Queen's College, Oxford, Second Class in Classical Moderations, and also in the Final Classical Schools. H. Ladd, Secretary, 43, Nunnery Fields.

CANTERBURY, HANOVER HOUSE SCHOOL. Pupils receive a thorough Commercial education. Terms : for day-boys, from 5 to 6 guineas ; boarders, from 25 to 28 guineas per annum. Vacations, 10 weeks. Principal, T. Foster, M.R.C.P., and 1 assistant Master.

CANTERBURY, HOLM HOUSE. Preparatory School for the Public Schools, or for the King's School, Canterbury. Fees, board and tuition, 50 guineas per annum ; including holidays, 80 guineas per annum. Principal, Miss Evans, assisted by a graduate in honours.

CARDIFF (*Glamorgan*), CARDIFF SCHOOL. Established in 1874, to provide a sound and liberal education at a moderate cost. The usual school course embraces Classics, Mathematics, French, and all the branches of a thorough English education, other subjects are extras. The vacations correspond with those of the large Public Schools. The tuition fees range from 12 to 18 guineas per annum ; the charge for boarding with the Head Master is from 40 guineas, and varies according to age. There are Scholarships to the value of 30*l.* per annum, tenable in the school. Head Master, F. C. Birkbeck Terry, M.A., late Foundation Scholar of S. John's College, Cambridge, assisted by Graduates in Honours and others.

CARDIFF, UNIVERSITY COLLEGE OF SOUTH WALES AND MONMOUTHSHIRE. This College was founded in 1883, and incorporated by Royal Charter, with an endowment of a Government Grant of 4,000*l.* per annum. It is expected that the College will be opened in October 1883, and the old Infirmary Buildings will be used temporarily for the purposes of the Institution. The object of the College is to provide such instruction in all the branches of a liberal education as may qualify residents in the six

counties of South Wales and in the county of Monmouth and elsewhere to take Degrees in Arts, Science, Law, and Medicine at the University of Wales (whenever such University shall have been constituted), or at any of the Universities of the United Kingdom; to give such technical instruction as may be of immediate service in professional and commercial life; and, further, to promote higher education generally, by providing for persons who are not matriculated students instruction in the form of lectures, combined with class-teaching and examining, at such places and such subjects as shall be determined from time to time, in pursuance of Statutes of the College to be made in that behalf. Female students are to be admitted to attend any of the courses of instruction established in the College, subject to such restrictions and regulations as the Statutes of the College shall from time to time prescribe. It is a fundamental condition of the constitution of the College that no student, professor, teacher, or other officer or person connected with the College shall be required to make any declaration as to his religious opinions, or to submit to any test whatsoever thereof, and that no gift or endowment for theological or religious purposes, or having any theological condition attached thereto, shall be accepted on behalf of the College. The President and Vice-President are elected each for 5 years, and 60 governors are nominated, one-third to go out of office at the end of 4 years, and one-third a year later, the order of rotation to be decided by ballot. The Council are in their discretion to provide, in augmentation of special gifts for the purpose, or otherwise, Scholarships and Exhibitions for the encouragement of deserving students of the College. President, the Right Honorable Lord Aberdare, P.C., F.R.S. Vice-President, Mr. Henry Richard, M.P. Treasurer, Sir H. Hussey Vivian, Bart., M.P. The Chair of Physics will be filled by the Principal. Professors and Lecturers:—W. S. Hensley, Demonstrator of Physics; Claud Thompson, Bristol, Chemistry; T. T. Powell, Welsh; A. Seth, M.A., Logic and Mental and Moral Philosophy; T. F. Roberts, Greek; J. R. Wardale, B.A., Latin; H. W. Tanner, M.A., Oxon., Mathematics and Astronomy; M. Paul Eugène E. Barbier, French; W. P. Ker, English Language and Literature; Clement Templeton, Music. Principal, J. Viriamu Jones, B.A., Oxon, B.Sc., London, Fellow of University College, London.

\* **CARDIFF, MONCKTON HOUSE SCHOOL.** Established 1870. The school course includes Greek, Latin, French, Mathematics, Natural Sciences, and English subjects. Terms: for boarders, from 33 to 40 guineas; day-pupils, 10 guineas per annum. Vacations, 11 weeks. Principal, Henry Shewbrooks, B.A., London, with 3 assistant Masters.

† **CARDIGAN (*Cardiganshire*), GRAMMAR SCHOOL.** Founded 1653. Endowment, 21*l.* per annum. Instruction in Classics, Mathematics, and English History, etc., to 20 boys, paying on average 4*l.* 10*s.* each per annum. Head Master, D. M. Palmer, B.A., with assistant Masters.

**CARLISLE (*Cumberland*), CARLISLE GRAMMAR SCHOOL, FORMERLY THE HIGH SCHOOL.** Founded 1546, with an Endowment, 130*l.* This school has been recently organized under an entirely new scheme, And in 1882 the Duke of Devonshire laid the foundation stone of the new buildings. 20,000*l.* have been raised for endowments, and buildings which will cost 10,000*l.* The Scheme vests the management in a board of 11 governors. The subjects of Instruction at present taught in the Upper



department of the school are Reading, Writing, and Arithmetic; Geography and History; English Grammar, Composition, and Literature; Mathematics; Latin and Greek; French and German; Natural Science; Drawing, Drill, and Vocal Music. In the Lower department, the same subjects as the above, with the exception of Greek. School fees, exclusive of books and stationery for the Upper Department: entrance Fee, 2*l.*; tuition fee, 15*l.* per annum. For the Lower Department: entrance fee, 1*l.*; tuition fee, 10*l.* per annum. A considerable reduction is made in the case of more than two brothers attending the school simultaneously. Terms for Board, payable terminally: with the Head Master, the Rev. Ambrose J. Wilson, 10, Victoria Place. Full boarders, 52*l.* 10*s.* per annum. Weekly, 42*l.* Day, 15*l.* per annum. It is required, under the School Scheme, (i.) That parents, intending to send boys to the School, shall make application to the Head Master by means of a printed form, copies of which may be held on application to him. (ii.) That previously to the admission of any candidate, he shall on examination satisfy the Head Master of his proficiency in rudimentary subjects of education. (iii.) That no boy shall be admitted into the school under the age of 7 years, or shall be permitted to remain in the Lower School after the age of 13 years, except by special permission of the Governors. (iv.) That the entrance fee shall be paid on entering the School, and the tuition fees terminally, and in advance. (v.) That a term's notice shall be given previously to the removal of any scholar. The following are the Exhibitions at Queen's College, Oxford:—Thomas Exhibitions. The School has a prior right of sending up candidates for these Exhibitions, which are open to sons of Clergymen in the Diocese of Carlisle only. They are tenable for 5 years, and are of the annual value of 67*l.* There are 2 such Scholarships.—Eglesfield Exhibitions. These, 4 in number, are open to natives of Cumberland and Westmoreland, are of the annual value of 80*l.*, and are tenable for 4 years.—Hastings Exhibitions. These are 15 in number, and are of the annual value of 90*l.*, and are tenable for 5 years.—Holme Exhibitions. These, two in number, are open to natives of Cumberland and Westmoreland, are of the annual value of 45*l.*, and are tenable for 5 years. Provision is also made under the scheme for the foundation of School Scholarships tenable at the University.—Charles Howard Memorial Scholarship. This is of the annual value of 25*l.*, tenable for 3 years, by boys attending the school. Candidates must be not less than 12 nor more than 14 years of age.—Two Foundation Scholarships, of values sufficient to pay the tuition fee, tenable for 2 years, by boys attending the school. Candidates for Foundation Scholarships must not be less than 7 nor more than 18 years of age. The Competition for these 3 Scholarships is open to all boys, whether at the time of examination attending the school or not. The subjects of examination are Classics, Mathematics, and English, including History and Literature. Candidates may be elected for special proficiency in any one of these 3 subjects. Head Master, the Rev. Ambrose J. Wilson, B.D., late Fellow of Queen's College, and Scholar and Tutor of St. John's College, Oxford, First Class in Classical Honours, and 8 assistant Masters.

\* CARLISLE, GROSVENOR COLLEGE. Established 1877. The curriculum of study embraces all the subjects necessary in a good English education. The course in Mathematics, Modern Languages, Classics, and Science, is



such as to fit boys for taking good positions in Business, Law, or at the Cambridge or College of Preceptors' Local Examinations. Terms: for boarders, from 50 to 60 guineas per annum; day-pupils, 8 to 14 guineas. Principal, R. J. Baillee, and 5 assistant Masters.

CARLISLE, WARWICK ROAD ACADEMY. The education is suited for those intended for business pursuits. Pupils are prepared also for the Civil Service Examinations. Terms: for boarders, from 30 to 35 guineas. Principal, W. S. Harrison, with resident assistant Masters.

\* CARNARVON (*Carnarvonshire*), COLLEGIATE SCHOOL. Established 1836. The course of study embraces English subjects, Mathematics, Natural Philosophy, Chemistry, Book-keeping, etc. Pupils are prepared for the Oxford and Cambridge Locals, Civil Service, and other Examinations. Terms: for boarders, from 40 to 55 guineas per annum; day-pupils, 8 to 12 guineas per annum. Principal, John S. Kirk, M.A., Vice-Principal, S. M. Herbert, C.M., with 1 resident assistant Master.

† \* CARNARVON, THE GRAMMAR SCHOOL, UXBRIDGE SQUARE. The education is suited for those intended for a commercial life. Pupils are prepared for the University Local Examinations and Civil Service. Tuition fees, 6 to 7 guineas per annum. This is not an endowed school, as its title would imply. Principal, G. Siddons, with assistant Masters.

CARNFORTH (*Lancashire*), EDEN MOUNT, GRANGE-OVER-SANDS. A limited number of Candidates prepared for the Universities, &c. Inclusive Fee for Tuition, ten guineas per term. The year is divided into three terms. Principal, the Rev. T. Stevens, M.A., Wrangler and late Foundation Scholar of St. John's College, Cambridge.

CARSHALTON (*Surrey*), CARSHALTON HOUSE SCHOOL. A few high-class pupils are prepared for the Public Schools, Universities, and prepared to pass Woolwich, Sandhurst, and the Navy. Terms: 100 guineas per annum. Principal, Rev. Alfred Barrett, D.D., Oxon, with assistant Masters.

CARSHALTON, LEICESTER HOUSE SCHOOL. Established 1868. The course of studies includes English subjects, Classics, Mathematics, and Modern Languages. Pupils are examined annually by the College of Preceptors. Vacations, 8 weeks. Principal, J. Baines, B.A., and 3 resident assistant Masters.

† CARTMEL (*Lancashire*), GRAMMAR SCHOOL, GRANGE-OVER-SANDS. Foundation about 1600. Founder's name unknown. Endowment, 100*l.* per annum. Instruction in Classics, Mathematics, French, and English. Day-boys pay 6*l.* a year, and boarders 35*l.* a year (exclusive of school fees, which are extra). This school is in future to be administered under a scheme of the Charity Commissioners. Head Master, Joseph S. Cooper M.A., St. Peter's College, Cambridge, (Math. Honours,) also B.A., University of London, and an assistant Master.

\* CASTLE BROMWICH, BIRMINGHAM (*Warwick*), CASTLE BROMWICH SCHOOL. Established in 1831. Transferred in 1879 to Russell House, Waimley, close to Penns station on the Midland Railway branch line from Birmingham to Sutton. Instruction in Classics, Mathematics, the

Modern Languages, with the usual branches of a sound English education. Fees for boarders, from 45 to 60 guineas per annum. Principal, the Rev. J. O. Bevan, M.A., of Emmanuel College, Cambridge, Fellow of the College of Preceptors, and Associate Institution Civil Engineers; with resident and non-resident Masters.

CASTLE DONNINGTON (*Derby*), CASTLE DONNINGTON SCHOOL. The system of studies embraces a sound Commercial education, including Land-Surveying, and Planning, and Mathematics. Terms: from 28 to 32 guineas per annum. Principal, R. N. Wilson, with resident assistant Masters.

CASTLEKNOCK (*Co. Dublin*), MORGAN'S ENDOWED BOARDING SCHOOL. Founded 1812. Endowment not known. The education imparted to 40 pupils, all boarders, comprises Scripture, Church Formularies, Reading, Writing, Arithmetic, Euclid, English Grammar, History (English, Roman, and Grecian), Geography, Mapping, etc. The school accommodates 40 children, 20 of whom are admitted upon the free foundation, and 20 on the payment of 18*l.* per annum, to be paid half-yearly in advance. Vacations, 10 weeks. Head Master, Arthur Murphy, with 1 resident assistant Master.

CATERHAM VALLEY (*Surrey*), THE DENE. This is a high-class Classical School, for a limited number of young pupils. Terms, from 90 to 100 guineas per annum. Principals, the Rev. F. J. C. Fenton, M.A., Trinity College, Cambridge, a Graduate in Classical Honours, and H. A. Fenton, M.A., of Clare College, Cambridge, with a staff of Masters.

CATTERICK (*Yorkshire*), SYDDAL'S SCHOOL. Founded 1645. Participates in an endowment of 151*l.* 4*s.* Six almshouses are connected for six widows. General English course. Average number of pupils 71, all free. Vacations, 8 weeks. Head Master, W. Ray.

\* CATTERICK, THE ACADEMY. Pupils prepared for the University Local Examinations. Principal, Messrs. Peacock and Swanston.

CAVAN (*Co. Cavan*), ROYAL SCHOOL. Founded 1527, by Charles I. Endowment, the revenue derived from 1,000 acres of land. Preparation for the Universities, Army, Navy, Civil Service, etc. The course includes Hebrew, Greek, Latin, French, and English. There are 5 Exhibitions of 25*l.* per annum each, tenable for 5 years at Trinity College, Dublin. Terms: for boarders, from 50 to 80 guineas per annum. Vacations, 13 weeks. Head Master, the Rev. W. P. Moore, A.M., with 3 other Masters.

\* CAVENDISH (*Suffolk*), GRAMMAR SCHOOL. Founded 1696, by the Rev. Thomas Gray. Endowment, 120*l.* per annum, with house. Instruction to about 40 boys, 15 of whom are free, 15 are day-scholars at 1 guinea a quarter, and remainder are boarders, in Classics, Mathematics, French, and English. Has 2 Scholarships of 40*l.*, tenable at Cambridge until the taking of the B.A. Degree. Examiners from Universities. Vacations, 2 months. Head Master, R. Hurst, M.C.P., and 1 assistant Master.

\* CAVERSHAM (*Oxon*) near READING, AMERSHAM HALL SCHOOL. Founded at Chenies, 1824; removed to Amersham, 1829; removed to Caversham, 1861. The course of instruction is such as to fit boys either

for the Learned Professions or for a business career. The number of Pupils in the School is limited to 80. No Day Scholars are received. Candidates were first sent up from this school to matriculate at the University of London in 1849; since that date 162 have passed, of whom 57 took Honours and 13 were Exhibitioners or Prizemen. Others have been successfully prepared for entrance at Trinity College, Cambridge, for the University Local Examinations, and for the Preliminary Examinations of the Incorporated Law Society and the Royal College of Surgeons. Every boy who passes through the School receives instruction in Biblical and Modern History and Geography, English Language and Literature, Latin, French, Arithmetic, Algebra, Geometry and the higher branches of Mathematics, Natural Science (Chemistry, Botany, and Animal Physiology), and Class Singing. The School Session is divided into three terms of between twelve and thirteen weeks each. Fees: for board, laundress, and tuition in the subjects specified above: Pupils under 12 years of age, 70 guineas a year; Pupils above 12 years of age, 80 guineas a year. Pew rent, 1 guinea a year. The only extra fees are German, Drawing, and Instrumental Music. Head Master, Alfred S. West, M.A., Trinity College, Cambridge, and Fellow of University College, London, Gold Medallist of the University of London. And 7 other masters, 5 of whom are resident.

\* **CAVERSHAM HOUSE ACADEMY.** Established 1823. The system of instruction embraces Latin, French, Mathematics. Terms, for board and tuition, 40 guineas per annum. Principals, Messrs. Knighton and Son.

**CAWTHORNE** (*near Barnsley, York, W. R.*), **FREE GRAMMAR SCHOOL.** Founded 1640. Endowment, 5*l.*, with house. The instruction is quite elementary. Head Master, G. McWhan.

**CHARDSTOCK, CHARD** (*Dorset*), **ST. ANDREW'S COLLEGE.** The object of this College is to provide for the sons of gentlemen a first-rate liberal education on moderate and inclusive terms. The regular course of school work includes instruction in all branches of English, Latin, Greek, Mathematics, French, German, Natural Science. Freehand, Model, and Geometrical Drawing. All boys learn drill and Gymnastics. There is a complete Laboratory for the study of Analytical Chemistry. There are Cricket Field, Fives' Courts, Carpenter's Shop, Lawn Tennis Ground, and Bathing Pond, for outdoor recreation, and swimming will be annually taught by an Instructor sent by the London Swimming Club. The domestic arrangements are unusually complete, the establishment including good Laundry and Drying Rooms and Bakehouse; Milk and Butter being supplied from the School Dairy. There are 2 Senior Scholarships of the value of 35*l.* a year, and tenable for 2 years, and are filled up after Competitive Examinations open to boys under 16; 1 is awarded for excellence in Classics, 1 in the subjects of the Modern Department. 2 Junior Scholarships of the value of 20*l.* a year, and tenable for 2 years, are awarded after examination in Classics and Mathematics; open to boys under 14. There are Choral Exhibitions of the value of 25*l.* a year, tenable for 2 years. In election to these there is no limit of age. It is the duty of each Choral Exhibitioner to assist in the College Choir. Inclusive school and board fees, 66 guineas per annum. Head Master, Rev. A. Evans, M.A., St. John's College, Cambridge, late an

assistant Master in Rossall School, and Head Master of Wigan Grammar School, assisted by University Graduates in Honours and others.

\* CHARD (*Somerset*), GRAMMAR SCHOOL. Founded, in 1671, by William Symes. Endowment consists of house, schoolrooms, garden, etc. The course of education embraces English, Latin, Greek, French, and German. Pupils, about 60 in number, are examined by the College of Preceptors and Oxford and Cambridge Locals. Terms for board and tuition, 40 to 50 guineas per annum. Vacations, about 13 weeks. Head Master, Rev. G. Phillips, M.A., with 3 assistant Masters.

CHARLBURY (*Oxfordshire*), GRAMMAR SCHOOL. Founded 1675, by Anne Walker. Endowment, 40*l.* per annum to Master, the surplus to Principal and Fellows of Brasenose College, Oxford, for their trouble as visitors. Free to boys of Charlbury. Master makes his own terms for "Foreigners," *i.e.*, boarders and non-parishioners. At the present time there are 30 scholars, of whom 12 are boarders. Has 2 Scholarships. Head Master, George Morris, C.M.

CHARTERHOUSE SCHOOL, GODALMING. See Part V. PUBLIC SCHOOLS.

\* CHAPEL CHORLTON (*Staffordshire*), COLLEGIATE ACADEMY. Instruction in English, Latin, Book-keeping, Music, Mensuration, Practical Land-Surveying, and Planning. Pupils are prepared for Agricultural and Commercial pursuits, also for the Professions or Universities, and the Middle-Class Examinations. Vacations, 5 weeks at Midsummer, and 4 weeks at Christmas. Terms per annum (including education and board), from 25 to 32 guineas. Principal, W. Whiston, Ph.D.

CHEAM (*Surrey*), CHEAM SCHOOL. Pupils from the highest classes received, who are intended for the Public Schools, or for the Army and Navy; but the course of instruction is comprehensive, and well adapted as a preparation for every important sphere, the aim being to impart as much knowledge as can be received with advantage in an interesting manner, to cultivate the intellect, to develop the varied powers of the mind, and to lay such a foundation as will make the acquisition and use of knowledge easy in after years, by training the pupils in those habits which mark the Christian and the Gentleman. The course of education comprises Greek, Latin, English, German, and French Languages. Terms: 150 guineas per annum, for pupils from 9 to 15 years of age. The vacations are the same as those of Eton and Harrow. Head Master, the Rev. R. S. Tabor, M.A., Trinity College, Cambridge, and a large staff of assistant Masters, all Graduates of Oxford and Cambridge.

CHELMSFORD (*Essex*), KING EDWARD'S GRAMMAR SCHOOL. (*2nd grade.*) Founded 1551. Endowment, 500*l.* per annum. The course of instruction includes Classics, Mathematics, French, English, Elementary Science, Drawing, Vocal Music. Average number of pupils, about 65. There are 2 Scholarships of 12*l.* and 8*l.* respectively, competed for by boarders in Head Master's house. There are also 12 Exhibitions, by way of exemption from fees. Tuition fees: 6*l.* per annum; boarders, 40*l.* per annum. Vacations, 10 weeks. Head Master, the Rev. J. A. Kershaw, M.A., Cambridge, with 4 assistant Masters.

CHELSEA. See LONDON, S. W. DISTRICT.



CHELTENHAM COLLEGE. See Part V. PUBLIC SCHOOLS.

\* † CHELTENHAM (*Gloucester*), GRAMMAR SCHOOL. Founded 1586, by Richard Pate. Re-constituted in the 46th year of the reign of Queen Victoria, under a scheme approved by Her Majesty in Council. Shares with an hospital at Cheltenham in endowment, to extent of 700*l.* per annum. Instruction in Classics, Mathematics, French, German, and English course, to boys, paying fees of 9 guineas a year above 12 years of age, and 6 guineas for boys under that age. There is a preparatory department for boys between 8 and 10 years of age. Boarders are received in the Head Master's house. Has one Scholarship (the Townsend Scholarship) of the value of 80*l.* to 100*l.* per annum, tenable 4 years at Pembroke College, Oxford, and minor Exhibitions tenable in the school. A Gwinnett Scholarship, of the value of 10*l.* 10 Foundation Scholarships are held in the School. 2 are awarded at the Entrance Examination of the Lent Term, and 2 at the Entrance Examination of the Michaelmas Term. 6 are awarded to boys already in the School on the results of the Midsummer Examination. These Scholarships exempt the boys who hold them from the payment of tuition fees. 3 Exhibitions of 30*l.* a year each, tenable at any place of higher education approved by the Governors, may be awarded to pupils of 3 years' standing in the School. A Curgenven Exhibition, founded by H. M. Jeffery, Esq., late Head Master of the School, of the value of 10*l.* Pupils have been very successful at the Oxford University Locals. Head Master, J. Style, M.A., formerly Scholar of St. Catherine's College, Cambridge, and late Second Master of the Manchester Grammar School, with resident and non-resident assistant Masters.

CHELTENHAM, PROPRIETARY SCHOOL. Established 1858. Thorough preparation of 130 pupils for the Public Schools. The course of instruction includes Greek, Latin, French. Terms : for boarders, from 45 to 55 guineas ; day-boys, from 10*l.* to 16*l.* per annum, according to age. Vacations, 14 weeks. Principal, Rev. C. E. Lefroy Austin, M.A., with non-resident assistant Masters.

CHELTENHAM, HAM HOUSE, CHARLTON KING'S. The course of instruction is adapted to meet the requirements of the various Competitive Examinations, consisting of a thorough training in Classics and Mathematics, with an equal attention to the English branches and Modern Languages. The vacations are those of the Public Schools. Terms : from 60 to 100 guineas. Principal, Rev. F. Neville, M.A., with a staff of resident assistant Masters.

CHELTENHAM, BIRDLIP HOUSE. Established 1860. The education is Classical and Commercial. The course of studies includes Mathematics, Science, Drawing, Latin, and French. Average number of pupils, about 100. Terms : from 30 to 35 guineas per annum for boarders ; from 6 to 8 guineas for day-pupils. Vacations, 11 weeks. Principal, James Cox, with 2 resident and 2 visiting Masters.

CHELTENHAM, THE SCHOOL, SOUTHAM VILLA. Founded 1867. The ordinary course of the school comprises the English, Latin, Greek, French, and German Languages, Literature, Arithmetic and Mathematics, Natural Science, Drawing, and Music. Nearly 50 pupils are prepared for the Universities and the Medical and Legal Professions. A General



Examination is held at the end of the Easter term. Fees : for day-boys, from 12 to 15 guineas per annum ; for boarders, from 48 to 54 guineas per annum. Principal, Richard Tyrer, B.A., London, and 7 assistant Masters.

CHELTENHAM, VICTORIA WALK. THE DOUGLAS COLLEGIATE SCHOOL. Established 1865. The curriculum of studies embraces the Latin, Greek, French, and English Languages, Euclid, Algebra, Trigonometry, Mensuration ; and Natural Philosophy, English Literature, Reading and Elocution, Classical and Modern History and Geography, Construction and Drawing of Maps, Book-keeping, and Mercantile Correspondence, Shorthand, Good Penmanship, &c. Fees : Day pupils, 3 to 9 guineas per annum ; Boarders, 24 to 40 guineas ; weekly boarders, 21 to 35 guineas. Music, German, Drawing (Freehand, Model, etc.,) Shorthand, Dancing, Drill, Swimming, etc., extra. Principal, J. L. Butler, 1st B.A., London, M.C.P., assisted by competent Masters, with a preparatory department, directed by Mrs. Butler and sister.

CHELTENHAM, THE CHELTENHAM AND COUNTY SCHOOL, ST. JAMES'S SQUARE. The curriculum of studies is wide and varied, due prominence is given to Modern Languages and Science in the place of Greek. The school accommodates 60 boarders, the inclusive terms being 25, 30, and 35 guineas per annum. The house, commanding in appearance, stands in extensive grounds, and the dormitory arrangements are of the most improved order. Pupils are prepared for the preliminary Legal, Medical, and Pharmaceutical Examinations, and for the Home Civil Service, and the Oxford and Cambridge Local Examinations. Principal, W. West, who is assisted by a staff of English and Foreign Masters.

CHELTENHAM, HILL COURT, MARLE HILL. Special preparation for entrance into Woolwich, Sandhurst, and the Army through the Militia, and for other Examinations. Established 1873. Number of pupils limited to 15 resident, 5 non-resident. House on a hill, about a mile from town, with four acres of recreation ground. The year, comprising 38 weeks of work, is divided into three terms, the length of which is determined by the dates fixed for the Army Examinations. Two terms fall between January and July, divided by a short vacation at Easter ; the autumn term comprises about 14 weeks between the end of August and December. The fee for each term varies in proportion to its length, being calculated on the basis of  $4\frac{1}{2}$  guineas a week. This charge is absolutely inclusive, covering all expenses but those of laundress and medical attendance. Day-pupils are received by the term, at the rate of  $2\frac{1}{2}$  guineas a week. Principals, Henry A. James, B.A., Trinity College, Cambridge (formerly Vice-Principal of the Cheltenham Training College and Government Lecturer in Physics), and Arthur J. de Havilland Bushnell, M.A., Oxford (first class in Final Classics, 1871), assisted by a Foreign Master (Bachelier ès Science, France and Germany), resident in the house, and other non-resident Tutors.

\* CHERTSEY (*Surrey*), GRAMMAR SCHOOL, BRIDGE HOUSE. Instruction in English Course, Algebra, Land-Surveying, Latin, French, Drawing, etc. Terms for the English course, for boarders, 30 to 36 guineas per annum. Principal, W. Smith.

CHERTSEY, BEOMONDS. Pupils prepared for the Public Schools. Terms, 120 to 180 guineas per year. Principal, E. H. Coleridge, M.A.

\* CHESTER (*Cheshire*), THE KING'S SCHOOL (*1st Grade*). Founded by Henry VIII. in 1541. Re-organized under the "Endowed Schools Act" in 1873. Endowment, 280*l.* This is a first-grade school, and the course of instruction includes Classics, Mathematics, Science, Modern Languages, English subjects, Vocal Music, etc. Average number of pupils, 100. There are 2 Exhibitions to the Universities, value 50*l.* each, 8 Senior, 16 Junior King's Scholarships, 4 or 6 Owen Jones' Scholarships, 4 or 6 Oldfield's Exhibitions, entitling to free education. Tuition fees: in the Senior Department, 18 guineas; Junior Department, 10 guineas per annum. Vacations, 14 weeks. Head Master, Rev. G. Preston, M.A.; and 6 other assistant Masters.

† CHESTER, THE COLLEGE. Preparation for the Universities, for Civil Service, Military, Professional, and other Examinations, at the rate of 14*l.* to 17*l.* per term for board and education; 3 terms in the year. The education at this school is of the most sound and practical character, fitting pupils for any position in life. Principal, the Rev. J. M. Chritchley, B.A., with resident assistant Masters.

† CHESTER, BRIDGE HOUSE. Pupils are instructed in the various branches of a liberal education, including Classics, Mathematics, English, and the Modern Languages. Terms: for boarders, 35 guineas per annum each, and extras for French, German, Drawing, Music. Principal, F. Ma'her, with resident assistant Masters.

CHESTER, THE TATTENHALL SCHOOL. Established 1850. The course of instruction is suited for those intended for Commercial pursuits. The terms for boarders (70 in number) are from 22 to 30 guineas per annum; for day-boys, 4 to 6 guineas per annum. Vacations, 11 weeks. Principal, James Stephen, and 4 resident Masters.

CHESTER, NETHERLEIGH SCHOOL. Established 1848. The education is Classical and Mathematical, with English and Modern Languages. Average number of pupils, 26. Fees: for boarders, 66 guineas per annum; for day-scholars, 15*l.* per annum. Examinations are held each term, by University men. Vacations, 13 weeks in the year. Principal, Rev. William Theophilus Giles, M.A., T.C.D., with 1 resident and 5 non-resident assistant Masters.

\* CHESTER, MIDDLE CLASS SCHOOL. Established 1869. The educational course comprises French, Greek, and Latin. Pupils are prepared for London University, etc. Average number of pupils, 96. Fees: for day-boys, 6 to 8 guineas; boarders, 36*l.* per annum. There are 2 free scholars appointed by Head Master. Examinations at Christmas. Vacations, 6 weeks at Midsummer, 4 at Christmas, 2 at or about Easter. Head Master, George Tinkler, with 4 non-resident assistant Masters.

CHESTER, FOREST HOUSE SCHOOL. The education at this school is thorough, and is suited for those intended for a Commercial career. Terms: for day-pupils, 12 guineas; day-boarders, 22 guineas; and boarders, 55 guineas per annum. Principal, W. Wilson, M.A., LL.D., T.C.D., with resident assistant Masters.

\* CHESTERFIELD (*Derby*), GRAMMAR SCHOOL. Founded 1594. Endowment, 700*l.* Working under a new scheme, the boys have now to pass an entrance examination. The curriculum of studies is divided into two departments, and provides a classical and general education to about 70 pupils; 20 foundation boys free. These scholarships are obtained by examination, 10 of these are open to all; day-boys pay 6*l.* per annum. There are no extra fees. Greek, Latin, Mathematics, Science, etc., are taught, and there is a large Laboratory. Pupils have had success at the University Locals. There is 1 Exhibition of the value of 30*l.* The famous Dr. Erasmus Darwin, author of the "Botanic Garden," Dr. Samuel Hallifax, who became Bishop of Gloucester, and other eminent men were educated at this school. Examinations: Midsummer, by Examiner appointed by the Trustee; at Christmas, by the Head Master. Vacations, 11 weeks. Head Master, the Rev. F. B. Allison, M.A., F.R.A.S.

CHESHAM (*Bucks*), CAMBRIDGE HOUSE SCHOOL. The course of study pursued comprises the Latin, Greek, French, and German Languages, Algebra, Geometry, and the higher branches of Mathematics, Book-keeping, Drawing, English, Natural Science, and all the different subjects of a good middle-class education. Terms, per annum, for board and instruction: pupils under 10 years of age, 20 guineas; pupils above 10, 24 guineas; day-pupils, 4 to 6 guineas. Principal, J. W. Leslie Jinks, Prizeman 1852 of S. John's College, Cambridge.

\* CHESTERFIELD, S. MARY'S HOUSE SCHOOL. Established 1841. The educational course is Classical, Mathematical, and Commercial, including Latin, Greek, French, German, Mathematics, General English, Music, Drawing, etc. Preparation for Oxford and Cambridge Locals, and the Professional, etc., Examinations. There are 20 boarders, at fees from 25 guineas per annum: 70 day-pupils from 4 guineas per annum. Examinations are held half-yearly. Vacations, 12 weeks, nearly. Principal, Wilsden J. Bowker, and 6 resident and visiting Masters.

¶ \* CHEPSTOW (*Monmouth*), THE GRAMMAR SCHOOL, BELLE VUE HOUSE. Established 1870. Pupils are prepared for the Professions, the Public Schools, and Universities. The course includes Latin, Greek, French, Mathematics. Fees: for boarders, from 40 to 50 guineas; day-boys, 10 to 16 guineas per annum. Vacations, 13 weeks. This is not an endowed school, as the title might imply. Principal, George Dewdney, B.A. (London), with 2 resident assistant Masters.

† CHEVELEY (*Cambridgeshire*), RAYE'S FREE GRAMMAR SCHOOL. Founded 1568, by John Raye. Endowment, 125*l.* per annum, and house. Education for 50 boys in English, with Latin for elder boys. Head Master, vacant, in prospect of a new scheme.

CHEETHAM (*Lancashire*). See MANCHESTER.

\* CHESHUNT (*Herts*), HOLT HOUSE SCHOOL. The course of instruction is especially arranged to meet the requirements of the Oxford and Cambridge Local Examinations, Matriculation at the London University, and of Commercial pursuits. The terms are from 52*l.* to 60*l.* per annum. Principal, W. B. Todhunter, M.A., London, with assistant Masters.

CHEDDINGTON, TRING (*Bucks*), CHEDDINGTON RECTORY. A few

pupils prepared for the Public Schools and Navy. Terms, 120 guineas per annum. Principal, the Rev. F. B. Harvey, M.A.

CHICHESTER (*Sussex*), NORTH GATE SCHOOL. Established 1844, under the sanction of the Bishop and Dean of Chichester, to instruct in Classics, French, German, Mathematics, and to prepare for the Universities, Competitive Examinations, or Commercial pursuits, about 40 boys (of whom not more than 25 boarders taken), paying 32 and 35 guineas, and private pupils specially preparing for Competitive Examination, 80 guineas per annum. Charles Spring, M.A., Ph.D., Principal, and assistant Masters.

CHICHESTER, THE PREBENDAL SCHOOL. Founded before 1497, by Edward Storey, when the Mastership was annexed to the Prebend of Highleigh. Endowment of Prebend, 70*l.* per annum, with house. Instruction to 14 boys (of whom 10 are Foundationers, paying 10*l.* each per annum), in Classics, Mathematics, and English course, with Modern Languages as extras. Head Master, Rev. Prebendary Bennett, B.C.L.

CHICHESTER. OLIVER WHITBY'S HOSPITAL SCHOOL. Founded in 1702. An English course, with Mathematics, to 52 free boarders, admitted by the Trustees, between the ages of 10 and 12 after competitive examination in English Grammar, Arithmetic, Writing, etc. Head Master, Charles H. R. Ballard (certificated), and one resident assistant Master.

CHICHESTER THEOLOGICAL COLLEGE. See Theological Colleges, page 353.

CHICHESTER, RICHMOND HOUSE SCHOOL, SOUTH STREET. The course of instruction comprises English, Ancient and Modern History, Geography, Mensuration and Land-Surveying, Algebra, Geometry, Latin French, Greek, Music, and Drawing. Terms: boarders, from 30 guineas per annum; day-scholars, 6 guineas. Principal, J. St. Clair, M.C.P., with the assistance of resident Masters. The Dean and Chapter have recently entrusted Mr. St. Clair with the education of the Cathedral Choristers.

\* CHIGWELL (*Essex*). CHIGWELL SCHOOL. Founded in 1629 A.D., by Samuel Harsnet, Archbishop of York, "to supply a liberal and practical education, and to afford instruction in the principles of the Christian religion." In order more perfectly to carry out the will of the Founder, a new scheme was obtained from the Endowed Schools Commissioners in 1871. Since then the school buildings have been improved and enlarged, at a cost of not less than 10,000*l.* Endowment, 500*l.* The course of instruction is not limited to any special or professional purpose, but is classical and general, modern elements being introduced as regular portions of the school-work; and is therefore adapted to the preparation of boys for the Universities, for the Public Schools, for the learned professions, for the Military and Civil Services, as well as to meet the requirements of those who are intended for business. Latin, English, and French. Language and Literature, History and Geography, Mathematics, Writing, Drawing, and Vocal Music, are taught throughout the school; Greek or German and Natural Science in the higher forms. Fees: for boarders, 60 guineas per annum; for



day-boys, 15 to 25 guineas per annum. There are 2 senior and 2 junior House Scholarships of the annual value of 30 guineas and 20 respectively. Head Master, Rev. R. D. Swallow, M.A., Cambridge, with 4 assistant Masters.

CHIGWELL, "OAKHURST." In this well-established school the system of instruction comprises English, Latin, French, Greek, Science, and special attention is paid to Mathematics. Boarders pay 60 guineas per annum each, inclusive; day-scholars are educated at the Chigwell Grammar School. Examinations are held half-yearly, conducted by Graduates of a University. Vacations, 13 weeks in all. Principal, the Rev. W. Linton Wilson, M.A., St. John's College, Cambridge, assisted by resident and non-resident Tutors.

CHILDREY (*Berks*), GRAMMAR SCHOOL. Founded in 1526, by W. Fettiplace. Endowment, 13*l.*, with house. There are valuable estates in connection with this endowment, worth 1,500*l.* per annum. A Classical and English course of instruction is given.

CHIPPENHAM (*Wilts*), THE GRAMMAR SCHOOL (*private*). Established 1822. Pupils are instructed in the Greek and Latin Languages, English, Mathematics, etc. Terms: for boarders, 30*l.* per annum; day-pupils, 6 guineas per annum. There are 8 Exhibitions, of 5*l.* 10*s.* each, tenable for 3 years. Vacations, 13 weeks. Principal, John Wilson, M.A., and 2 resident Masters.

CHIPPING BARNET. See BARNET.

\* CHIPPING CAMPDEN (*Gloucestershire*), GRAMMAR SCHOOL. Founded 1487. Endowment, 174*l.* The course of education comprehends instruction in Classics, French, Drawing, Mathematics, and thorough English; and affords sufficient preparation for matriculation at the Universities, for the Public Schools, for the Preliminary Examination of the Incorporated Law Society and the College of Surgeons; and generally for all Professional and Commercial pursuits. Candidates from this school are sent every year to the Oxford Local Examination. Foundation Scholars are elected annually, after competitive examination. Has a "Townsend" Scholarship of 70*l.* per annum, with rooms, tenable for 4 years at Pembroke College, Oxford. Vacations 13 weeks. Head Master, the Rev. Joseph Foster, M.A., with assistant Masters.

CHIPPING NORTON (*Oxon*), THE COLLEGIATE SCHOOL. Principal, J. H. Bennett.

\* CHIPPING SODBURY (*Gloucestershire*), ENDOWED SCHOOL. Founded 1628. Endowment, about 375*l.* Subjects taught, Divinity, English, Latin, French, and Mathematics, and Greek when required. Terms: for day-boys who live in the parish, 3*l.* and 4*l.*, according to age; for other boys, 6*l.* per annum. Age of admission, from 8 to 16. An Examination for prizes is held every June. Vacations, 6 weeks at Midsummer, 4 at Christmas, and 1 at Easter. Boarders are received by the Head Master, Rev. J. Dumas, B.A. London, and 1 assistant Master. Secretary, John D. B. Trenfield, Esq.

CHISELHURST, CHISELHURST COMMON (NEAR CAMDEN PARK), HORN-BROOK HOUSE SCHOOL. Pupils in this establishment are thoroughly



grounded, and the curriculum of studies includes the Classics, Mathematics, and other usual subjects necessary for the Public Schools, or for professional life. The house stands in its own grounds, with unusual facilities for out-door sports. The school charges are from 60 to 80 guineas per annum for boarders. Principal, H. V. Pears, B.A., with resident and visiting Masters.

CHISELHURST, KENT, SIDCUP PARK, THE COLLEGE. Pupils prepared for the Universities, the Public Examinations, and the higher department of Commerce. Number of boarders limited to twelve. Day pupils 24. Fees : for boarders 60 to 75 guineas per annum. Principal, H. S. McCulloch, LL.D.

CHISWICK (*Middlesex*), CHISWICK COLLEGIATE SCHOOL, THE TERRACE, TURNHAM GREEN, W. This school is in "union" with the College of Preceptors. The Board of Examiners has awarded up to 1879, 1024 certificates to the pupils. The curriculum, appointed by the Council, embraces Classics, Mathematics, the German, French, and English Languages and Literature, Music and Art. Fees for boarders, from 45*l.* to 60*l.* per annum. Foreign pupils, from 70*l.* to 100*l.* In the Preparatory Department, the inclusive fee is 40*l.* per annum. Head Master, Dr. White, F.C.P., with assistant Masters.

CHISWICK, WALPOLE HOUSE SCHOOL. Established 1845. A practical education is imparted, combined with a careful religious and moral training. Terms : for boarders, from 35 to 40 guineas per annum ; day pupils, 15 guineas per annum. Principal, Thomas Corfield Allen, with assistant Masters.

† CHISWICK, AFTON COLLEGE, TURNHAM GREEN. A middle class school is conducted here, it was founded 1748. 75 boys from 7 years, all boarders, educated in Classics, Modern Languages, and Commercial course, at 40*l.* per annum each. Vacations, 12 weeks. For successes of pupils at this School at the Oxford and Cambridge Local Examinations, see Vol. II. of the "Oxford and Cambridge Local Examination Record," by the author of this work, published at 2*s.* 6*d.* Rev. E. Morgan, Principal, and 8 assistant Masters, mostly Graduates.

\* † CHISWICK, BELMONT HOUSE SCHOOL, TURNHAM GREEN. Pupils prepared for the Army and Navy, the Civil Service, the Oxford and Cambridge University Local Examinations, the Matriculation Examination of the London University, etc., etc. The course of studies comprises English, Greek and Latin, French, Arithmetic, Algebra, Natural Sciences. Terms, 40 to 50 guineas per annum. The year is divided into 3 terms. Vacations, 10 weeks. Principal, J. Russell Cloutte, of the University of London, with resident and visiting Masters.

CHORLTON. See MANCHESTER.

CHORLEY (*Lancashire*), GRAMMAR SCHOOL. Founded A.D. 1611. Endowment, 10*l.* to 15*l.* Pupils are prepared for Business, and for Professional Examinations. The course includes Classics, French, German, and English. Average number of pupils, 35. Day-scholars pay from 4 to 16 guineas per annum ; boarders, from 30 to 40 guineas. Scholars admitted when able to read an easy book and work a little arithmetic.

School is examined at Christmas by the Head Master and gentlemen selected by him. Vacations, 5 weeks at Midsummer, and 4 at Christmas. Head Master, Samuel Bennett, and 2 assistant Masters.

CHORLEY, FELLERY STREET, COMMERCIAL SCHOOL. Fees: 4 guineas per annum. Extras, 2 guineas per annum. Principal, J. Sargeant.

CHRIST'S HOSPITAL, LONDON. See Part V., PUBLIC SCHOOLS.

CHRISTCHURCH (*Hampshire*), CHRISTCHURCH SCHOOL. Established 1827. The course of education includes sound English, Science, French, German, Latin, and Greek. The fees for boarders are 50 to 55 guineas per annum (inclusive terms); day-scholars, 12 guineas. Examinations are conducted by the Royal College of Preceptors. 3 Vacations: Christmas, 4 weeks; Easter, 2 weeks; Autumn, 7 weeks. Principal, Josiah Evans, with assistant Masters.

† CHUDLEIGH (*Devon*), PYNSENT'S FREE SCHOOL (*2nd Grade*). Founded 1667, by John Pynsent. Endowment, 30*l.* per annum, with house. Day scholars pay 10*l.* a year. Head Master, vacant.

† CHURCH EATON (*Staffordshire*), FREE GRAMMAR SCHOOL. Foundation unknown. Endowment, 193*l.* per annum. Instruction in Classics and English course to 57 boys, all free. Head Master, not yet appointed.

† CIRENCESTER (*Gloucestershire*), GRAMMAR SCHOOL (*3rd Grade*). Founded temp. Henry VIII., by Dr. T. Ruthall. Endowment, 28*l.* per annum, and house. Instruction to 30 boys, paying 4 guineas per annum, in Classics, French, and English Commercial course. Head Master, Rev. G. Faulkener, M.A.

CIRENCESTER, THE COTTESWOLD MIDDLE-CLASS SCHOOL. Established in 1873 for the purpose of providing a good education for middle-class boys, and a systematic training for the sons of gentlemen preparatory for Public Schools. The course of instruction comprises Latin, English, Arithmetic, Algebra, and Euclid, Science, Writing, Drawing, and Painting, Vocal Music, and Drill. Special prominence given to Science, designed to meet the want of the Agricultural districts. Terms: for day-pupils, 7½ guineas per annum; for boarders, from 30 to 36 guineas per annum, according to age. Principal, C. Green, with competent Assistants.

CIRENCESTER, AGRICULTURAL COLLEGE. See page 644.

CITY OF LONDON SCHOOL. See Part V., PUBLIC SCHOOLS.

CLAPHAM (*Surrey*). See LONDON, S. W. DISTRICT.

CLAPTON (*Middlesex*). See LONDON, E. DISTRICT.

CLAYTON-LE-WOODS, near CHORLEY (*Lancashire*). Founded by Edward Bootle, in 1744. Endowment, 10*l.* per annum, with house. Instruction in English course (as a National School) by a certificated Teacher, under the control of the Vicar, the Rev. J. T. Fowler, M.A.

CLARE COLLEGE, SCORTON, near CATTERICK. See Scorton.

\* CLARE (*Suffolk*), GRAMMAR SCHOOL. Founded 1669, by William Cadge, and reconstituted by Court of Chancery in 1856. Endowment,

50*l.* The educational course is thoroughly Commercial, and includes Classics, Mathematics, and Modern Languages. Terms : for boarders, 50 guineas per annum. Vacations 12 weeks. Head Master, C. Cook, B.A. London, and 2 resident assistant Masters.

CLACTON-ON-SEA (*Essex*), BRUNSWICK HOUSE SCHOOL. Removed from Bury St. Edmunds in 1874. The course of instruction is on the Public School system, and includes the Classics, Algebra, Euclid, Mensuration, Land-Surveying, Book-keeping, Commercial Correspondence, Scripture and General History, Science, Natural Philosophy. Fuller particulars of this school will be given in the edition for 1880. Vacations, 13 weeks. Principal, C. R. Nunn, and 2 resident assistant Masters.

CLAUGHTON (*Cheshire*), CAMDEN HOUSE. The course of studies embraces Classics, Latin and Greek, English, French, German, and Mathematics, Natural Science, and all that is required to form a sound foundation for a good liberal education. Terms : for board and tuition, 55 guineas per annum. Principal, the Rev. T. Miller Dickson, M.A. There is also a preparatory school in connection, conducted by Mrs. T. Miller Dickson.

CLEE (*Lincolnshire*), FREE SCHOOL. Founded at Humberstone 1708, by Matthew Humberstone. Endowment, 400*l.* per annum. Instruction to boys, Foundationers, in Latin and general English course. This school is in the hands of the Charity Commissioners, and they have formed a new scheme for it. Head Master, the Rev. J. Morgan, D.C.L., and 2 assistant Masters.

CLERKENWELL. See LONDON, E. DISTRICT.

\* CLEVEDON (*Somerset*), HALLAM HALL COLLEGE. (Formerly Cots-wold House.) Pupils are prepared for Commercial or Professional life, with special classes for the Cambridge and Oxford Local Examinations, and for Matriculation at the London University. Classics, Modern Languages, and Chemistry taught. Number of pupils, in preparatory and senior divisions, limited to 60 boarders. Terms : from 40*l.* to 60*l.* inclusive. Vacations, 13 weeks. Particular attention is given to delicate or backward boys. Principal, the Rev. John Horne, with 4 resident assistant Masters.

\* CLEVEDON, LEWESFELL. Established about 1837. The course of education comprises Latin, French, Mathematics, and General Subjects. There are 28 scholars, all boarders, at terms 60 guineas per annum. Pupils are admitted from 10 to 16 years of age. Examinations are held each term. The elder boys are sent in for the Cambridge Local Examinations. Vacations, 4 weeks at Christmas, 3 weeks at Easter, and 6 weeks in the Summer. Principal, Eustace Button, with 2 resident assistant Masters.

CLEVEDON, MALTON PARK SCHOOL. A limited number of pupils, from 6 years of age to 16, are received and are prepared for the Public Schools, the University Local Examinations, and for Professional or Commercial life. The house and schoolroom have been specially built for educational purposes, and are in a most healthy and bracing part of Clevedon, about 5 minutes' walk from the sea. Fees for boarders, 35 to 45 guineas per

annum; daily pupils, 6, 8, and 12 guineas. Principal, T. Bilbrough Stephenson, assisted by well-qualified resident and visiting Masters.

CLIBURN (*Westmoreland*), GRAMMAR SCHOOL. Founded 1808. Endowment, 25*l.* per annum. The instruction is quite elementary. Head Master, vacant, in prospect of a new scheme.

CLIFTON-WITH-SALWICK (*Lancashire*), GRAMMAR SCHOOL. Founded in 1682, by John Dickson. Endowment, 13*l.* This school seems to be at present in abeyance.

CLIFTON COLLEGE. See Part V., PUBLIC SCHOOLS.

CLIFTON (*Gloucestershire*). MANILLA HALL SCHOOL. Preparation for the Universities and Military and Civil Service Examinations to boarders at 75*l.* to 85*l.* per annum. C. T. Hudson, LL.D., Principal.

\* CLIFTON, REDLAND HILL HOUSE. The Pupils, about 50, are divided into a Classical and a Modern Section. In the first, the ordinary Classical course of instruction is pursued, and is adapted to prepare boys for the Universities, the Professions, the Military, Civil Service, and other Examinations. In the second, greater prominence is given to the Modern Languages, the Mathematics, English subjects, and the Sciences. Terms: from 50*l.* to 70*l.* per annum. Vacations, 13 weeks. Principal, W. Dyer Ware, with assistant Masters.

\* CLIFTON, ALL SAINTS' SCHOOL. A liberal education is given, fitting boys for Professional and Commercial pursuits. The Universities' Syllabus of subjects for their Local Examinations is each year made the standard of the school-work. Pupils are also prepared for the Public Schools. Average number of Pupils, 40. Boarders pay 33 and 39 guineas; day scholars, 9 guineas. In connection with the school there are 6 Musical Scholarships, each of the annual value of 20*l.*, founded by the Vicar and Churchwardens of All Saints. Terminal Examinations by University Examiners. Vacations, 13 weeks. Head Master, Walter T. Smith, with 4 assistant Masters.

CLIFTON, 8, CALEDONIA Place. 4 resident Pupils prepared for Woolwich, Sandhurst, and the Universities. Terms: on application to the Principal, Julius Miles, formerly Head Master of the Bridgewater Grammar School.

CLIFTON, APSLEY SCHOOL. Established 1864. The nature of the education is Classical and Commercial. The special studies being Greek, Latin, French, and German, etc. Fees for boarders are 60*l.* per annum; day pupils, 18*l.* per annum. Examination at end of each term. Vacations, 14 weeks. Principal, Lewis P. Rogers, with 2 assistant Masters.

CLIFTON, 4 APSLEY PLACE, APSLEY ROAD. Established 1840. Pupils between the ages of 5 and 13 instructed in a Kindergarten class. Vacations, 10 weeks. Lady-Principal, Mrs. T. B. Knight, with assistant Masters.

CLIFTON, WHITE LADIES' COLLEGE. About 60 boys, half being day scholars, are educated for commercial life. Fees for boarders, 22*l.* to 28*l.* per annum; day scholars, 4*l.* to 6*l.* per annum. There are four



quarters. Principal, Dr. Tomkins. There is also a School for Girls. See Volume ii.

CLIFTON, SHOTTERY HOUSE, BEAUFORT ROAD. Preparation for Public Schools or to educate generally. Terms, 90*l.* to 120*l.* a year. The Principal, the Rev. A. C. Macpherson, M.A., late Master of the Modern Department, and Chaplain at Trinity College, Stratford-on-Avon.

CLIFTON, CAMBRIDGE HOUSE, ALL SAINTS' ROAD, BRISTOL. Pupils from 15 to 20 years of age prepared for Woolwich, Sandhurst, the Universities, etc. The year is divided into the usual 3 terms, and the holidays are about a month at Christmas, 3 weeks at Easter, and 6 weeks in the summer. Terms, with separate bedrooms: under 16 years of age, 150*l.* per annum, or for shorter periods at the rate of 50*l.* per term; above 16, 180*l.* per annum, or 60*l.* per term. A small number of younger boys, preparing for Entrance Examinations at Clifton College or other Public Schools, are received at 120*l.* and 135*l.* per annum. Principal, Rev. T. Roach, M.A., Wrangler, and Second Classman in the Moral Science Tripos.

CLIFTON, LLANTRISSANT HOUSE, THE AVENUE. Pupils instructed in Classics, Mathematics, French, Physical Science, and the general branches of an English education. Terms per annum: boarders, 85 guineas; day-boarders, 40 guineas; day-scholars, 25 guineas. The following subjects are extras: German, Drawing, Singing, Drilling. There is a Laboratory attached to the School. The Sanatorium is situated about a mile from the School. Pupils are prepared for the Public Schools, Universities, Military and Civil Service Examinations. There are 3 terms in the year, commencing about 1st February, 1st May, and middle of September. The Fees for pupils preparing for the different Competitive Examinations—Sandhurst, Woolwich, Cooper's Hill, and for those requiring special attention for the Medical or Legal Examinations, are: boarders, 150*l.* per annum; day-boarders, 105*l.* per annum; day-scholars, 90*l.* per annum. Principal, Frank Townsend, B.A., Trinity College, Dublin.

CLIFTONVILLE, MARGATE. See MARGATE.

CLIFTONVILLE, BRIGHTON. See BRIGHTON.

CLIPSTONE. See NORTHAMPTON.

\* CLITHEROE (*Lancashire*), ROYAL GRAMMAR SCHOOL (2nd Grade). Founded 1554, by Queen Mary and King Philip. Endowment, about 400*l.* per annum. Instruction, Classical, Mathematical, and Commercial. Science and Art Classes in connection with the Education Board, South Kensington. Has 2 Exhibitions of 40*l.* each, tenable at Oxford or Cambridge for 4 years. Boarders received by the Head Master, at 40 and 50 guineas per annum. Has had great success in the University Local Examinations. Head Master, the Rev. E. Boden, M.A., Cambridge, with 2 resident and 6 visiting assistant Masters.

CLONMEL (*Ireland*), ENDOWED SCHOOL. Founded 1685. Endowment, 300*l.* and house. Pupils are prepared for the Universities, Open Exhibitions, and Competitive Examinations for both the Army and Civil



Service. Terms : for boarders, from 40*l.* to 45*l.*; day-pupils, from 8*l.* to 10*l.* The sons of Protestant Freemen of the borough of Clonmel are entitled to free education. Examinations are held half-yearly. Vacations, 11 weeks. Rev. Maurice Day, D.D., Lord Bishop of Cashell, was educated at this school. Head Master, the Rev. A. S. Hutchinson, M.A., T.C.D., with 5 assistant Masters.

COATHAM (*Yorkshire*), GRAMMAR SCHOOL. Founded 1675, by Sir William Turner, Knight, who was also the founder of the Kirkleatham Grammar School, which has been recently removed by the Court of Chancery, and joined to this school. Endowment, about 500*l.* and house. The course of studies includes Classics, Mathematics, French, German, and English, Natural Science, etc. There are between 60 and 70 boys, at fees, for day-scholars, from 4*l.* to 10*l.* per annum ; for boarders, from 50*l.* Pupils are admitted from 8 years old by Examination graduated according to age of boys. Two Exhibitions of 20*l.* a year, tenable at the School for 2 years, open to boarders only. Examinations in July by Examiners from the Universities appointed by Patron, A. H. Turner Newcomen, Esq. Vacations, 12 weeks. Principal, Rev. J. Davey, M.A., late Scholar of Queen's College, Cambridge, with 2 resident and 3 non-resident Masters.

\* COCKERMOUTH (*Cumberland*), GRAMMAR SCHOOL. Founded 1667. Endowment, 12*l.* The curriculum of the above school has been specially framed to meet the requirements of the Cambridge Local, the Preliminary, Professional, Civil Service, and other Competitive Examinations ; special subjects, Latin and French. Examinations every Christmas by the Masters. Vacations, about 8 weeks. Head Master, E. Houghton, 1 assistant Master.

COCKERMOUTH, DOVENBY ENDOWED SCHOOL. Founded A.D. 1609. Endowment, 36*l.* per annum, with garden. The education is elementary. Average number of pupils, 47. 7 free. Fees, 6*d.* and 4*d.* per week. Examinations in April by H.M. Inspector. Vacations, 6 weeks. Head Master, William Marshall.

COGGESHALL (*Essex*), SIR R. HITCHAM'S GRAMMAR SCHOOL (*3rd Grade*). Founded and endowed by Sir R. Hitcham in 1636. This school is now reconstituted under a new scheme as a middle class school. The school fees are 6*l.* per annum. Head Master, E. Edgar.

\* COLCHESTER (*Essex*), ROYAL GRAMMAR SCHOOL. Founded 1534, re-founded 1589. Endowment, 150*l.* and residence. General education, with special attention to modern languages. Average number of pupils, 70 ; 20 free. Fees : for day-boys, 16 guineas a year ; boarders, 60 guineas. Free boys, sons of ratepayers, admitted after Examination by the Corporation of the Borough. Boys from this school have obtained great success at the University Locals. Examinations twice a year by the staff of the school. Vacations, 6 weeks in summer, 4 at Christmas, 3 at Easter. Head Master, Rev. C. L. Acland, M.A., Jesus College, Cambridge, and assistant Masters.

\* COLCHESTER, LINTON HOUSE SCHOOL. The course of instruction comprises the ordinary branches of a liberal education. Pupils are also sent up for the University Locals. Terms : for boarders, from 40 to 50

guineas per annum; day-pupils, 12 guineas per annum. Principal, William Brightwell, with an efficient staff of Masters.

\* COLCHESTER, ARNOLD COLLEGE, 304, WESTBOURNE TERRACE, WELLESLEY ROAD, LONDON ROAD. Established 1870. The standard of education is chiefly fixed in conformity to the requirements of the College of Preceptors Examinations. The school course includes all the Classical and Scientific subjects usually read by students intending to follow a University course or the study of a profession. Pupils are also prepared (when desired) for the University of Cambridge Local Examinations. The fees for boarders, from 24 to 30 guineas per annum. Principal, Robert Barber, M.C.P., with competent assistant Masters.

COLCHESTER, TRINITY HOUSE SCHOOL.—About 70 pupils are instructed in the usual subjects required for professional life. Boarders pay 30 guineas a year, day pupils 6 guineas per annum. Principal, W. H. Birkett, of the University of Dublin.

\* COLESHILL (*Warwickshire*), COLESHILL GRAMMAR SCHOOL. Founded 1520. Endowment, 292*l.* per annum. Instruction to 25 boys, being sons of householders, on foundation, and 12 others, paying 8 guineas per annum, in Classics, Mathematics, German, French, and English. The Head Master receives boarders. Terms, 40*l.* to 50*l.* each. Head Master, Rev. T. Wright, M.A., with assistant Masters.

† COLNE SCHOOL, WHALLEY (*Lancashire*). Founded before 1687. Endowment, 26*l.* per annum. Education to 36 boys of Colne, in Classics, Mathematics, and English course. Head Master, F. W. Halthead.

COOPER'S HILL (*Middlesex*), ROYAL INDIAN ENGINEERING COLLEGE. See page 270.

COLEFORD (*Gloucestershire*), BELL'S GRAMMAR SCHOOL. Founded 1627, by Edward Bell. Endowment, 100*l.* per annum. Under the direction of the "Endowed Schools Commissioners." This School was removed from Newland to Coleford in 1876. The School House and Master's House are new buildings, have been erected from plans approved by the "Commissioners." There is excellent accommodation for 50 boys. The course of instruction includes Greek, Latin, French, German, and English, Mathematics, and Natural Science, and Drawing. Boarders pay 40 to 45 guineas per annum, no extras of any kind; day-boys 6*l.* to 7*l.* 10*s.* per annum. The twelve Foundationers, elected by the Trustees, pay 1*l.* Head Master, J. Bond, M.A., LL.B., LL.D., Trinity College, Dublin.

COLERAINE (*Ireland*), ACADEMICAL INSTITUTION. A high class education is given at this school, and pupils are prepared for the Examinations at Queen's Colleges, the Intermediate, and others. The Clothworkers' Scholarship, value 50*l.*, and the Cochrane Scholarship, value 10*l.*, are competed for annually. Principal, T. G. Houston, M.A., and a staff of assistant Masters.

COLWALL, MALVERN GREEN (*Herefordshire*), GRAMMAR SCHOOL. Founded 1649. Endowment, 30*l.*, largely supplemented by the Grocer's Company. There are 100 pupils; 70 are free, who are taught elementary subjects. Boarders are received by the Head Master, and are taught in

separate rooms and by a distinct staff from the free boys. Terms: for boarders, 100*l.* a year. Vacations, 15 weeks. Head Master, the Rev. C. Black, B.A., Oxon, with 4 assistant Masters.

CONGLETON (*Cheshire*), THE GRAMMAR SCHOOL. Founded before 1553, records before then lost. Endowment, 16*l.* per annum. The usual course of education at Grammar Schools is given. Average number of pupils, 35 to 40, 3 being free. Boarders pay from 40 to 45 guineas per year; day-boys, 4 guineas per year. Examinations every Christmas. Vacations: 6 weeks summer; 5 weeks winter; 1 week Easter; 3 days Michaelmas. Headmaster, William Bevern Grix, M.A., Queen's College, Cambridge.

COLLINGHAM (*Nottinghamshire*), HOPE HOUSE. The course of instruction, which is intended to fit pupils for the learned Professions or for a Business career, embraces English in all its branches, Algebra, Geometry, Land-Surveying, Drawing, and Chemistry, Music, and Greek, Latin, French, and German Languages. Fees: for boarders, from 45 to 51 guineas per annum; day-pupils, 16 guineas per annum. Principal, John H. Bennett, F.R.S.L., and resident assistant Masters.

CORBY, *near* GRANTHAM (*Lincoln*), THE READ GRAMMAR SCHOOL. Founded 1673. School built 1673. Endowment, moiety of a rent-charge of 97*l.* 10*s.* 10*d.* Preparation for University and Professional life. 20 scholars free, to those inhabitants whose children were at the school before its reorganization; boarders, 60 guineas a year; elementary department for boys under 13, 30 guineas per annum. A Chemical Laboratory. Head Master, F. E. Dembski, B.A. London University.

CORK, QUEEN'S COLLEGE. The present constitution, government, and organisation of the three Queen's Colleges are given fully on page 204. Matriculation Examination.—Students may be either matriculated or non-matriculated. Matriculated students must pass a matriculation examination, or submit proofs to the Council of having been matriculated students in any University in Great Britain and Ireland or the Colonies. The following are the matriculation examinations:—(1) The Faculties of Arts and Law. (2) The Faculty of Medicine. (3) The Department of Civil Engineering.—The Outlines of Modern Geography, English Grammar, Mathematics. Fees: the fees paid by Students are of two kinds—College Fees and Class Fees. College Fees.—For the 1st year the College Fees are 10*s.*; for the 2nd and subsequent years 5*s.* Students who wish to borrow books from the Library are obliged to deposit 1*l.* with the Bursar. For Students now entering there is a uniform College Fee of 10*s.* Class Fees.—The ordinary Fee paid for each Course of Lectures is 2*l.*, and 1*l.* for each re-attendance thereat. For English and Logic, the course extending over one term, the fee is 1*l.* For Practical Anatomy, Practical Chemistry, the fee is 3*l.* for each course; and for Anatomy and Physiology, 1st Course, 3*l.*, and for each subsequent course 2*l.* (4) Faculty of Arts.—Course of Study.—The course of study for Students in this Faculty ordinarily extends over three Sessions. Scholarships.—In the Faculty of Arts there are 30 Junior Scholarships, value 24*l.* each, and 7 Senior Scholarships, value 40*l.* each. (5) Faculty of Law.—Scholarships.—In the Faculty of Law there are 3 Junior Scholarships, of the value of 20*l.* each, 1 of which is appropriated respectively to the Students of the 1st, 2nd, and 3rd years. In this Faculty a Senior Scholarship, value 40*l.*, is awarded by Examination to the most

distinguished Student who has proceeded in the Course of Arts to the Degree of A.B., and who has completed the Course of Legal Study prescribed to Candidates for the Degree of LL.B. in the Royal University. (6) Faculty of Medicine.—Course of Study.—The following curriculum is recommended. The Fees are shown as follows:—1st Year.—Practical Anatomy, 3*l.*; Chemistry, 2*l.*; Natural History, 2*l.* And any two of the following:—(a) Latin, 2*l.*; (b) Greek or French, 2*l.*; (c) Mathematics, 2*l.*; (d) English, 1st Term, 1*l.*; Experimental Physics, 2nd and 3rd Terms, 2*l.*; College Fee, 10*s.* 2nd Year.—Physiology, 3*l.*; Anatomy, 3*l.*; Practical Chemistry, 3*l.*; Materia Medica, 2*l.*; College Fee, 5*s.* 3rd Year.—Anatomy, 3*l.*; Physiology, 2*l.*; Midwifery, 2*l.*; Surgery, 2*l.*; College Fee, 5*s.* 4th Year.—Medical Jurisprudence, 2*l.*; Medicine, 2*l.*; College Fee, 5*s.* Scholarships.—There are 8 Scholarships, value 25*l.* each, in the Faculty of Medicine, which are thus allotted:—To the 1st Year, 2 (1 for Literature and 1 for Science); to the 2nd Year, 2; to the 3rd Year, 2; to the 4th Year, 2. School of Engineering.—Course of Study.—The Course in the School of Civil Engineering usually extends over 3 Sessions. Scholarships.—In the School of Engineering there are 5 Scholarships, value 20*l.* each, 2 of which are appropriated to Students of the 1st year, 2 to those of the 2nd, and 1 to those of the 3rd. President, W. K. Sullivan, Ph.D., M.R.I.A., D.Lit., and 24 Professors and Lecturers. Registrar, Alexander Jack, M.A., D.Sc. Bursar, John England, M.A., D.Sc. Librarian, Richard Caulfield, LL.D.

CORK (*Co. Cork, Ireland*), LOUIEVILLE, SIDNEY PLACE. Preparation for the Army, Navy, and Civil Service, and an ordinary school in which a thoroughly sound Classical and English education is imparted, at terms from 44 to 52 guineas per annum. Principal, W. J. Knight, LL.D., with assistant Masters.

CORK (*Ireland*), MIDDLETON. See MIDDLETON.

COURTEENHALL (*Northants*). THE GRAMMAR SCHOOL. Founded 1680, by Sir Samuel Jones. Endowment, 100*l.* with house and 3 acres of land. The course of education includes Latin, English, the various branches of Mathematics, Surveying, and the Physical Sciences. There are about 30 free scholars and 4 boarders. Qualification for free scholars, the ability to read an easy verse in the Bible. Vacations, 11 weeks. Head Master, W. T. Haskins.

\* † COVENTRY (*Warwickshire*), KING HENRY VIII.'S GRAMMAR SCHOOL. (*2nd Grade*.) Founded by John Hales before 1542. Endowment, 1,066*l.*, or 788*l.* nett per annum. Divided into Classical and Commercial Departments. Instruction in Classics, Divinity, French, and English course to 46 foundationers and 30 other boys. Has 4 Exhibitions of 55*l.* each, tenable 3 years at Oxford or Cambridge, by scholars intended for Holy Orders, and 2 open Scholarships of 100*l.* per annum each, tenable for 5 years at S. John's College, Oxford. Tuition fees, from 7 guineas to 11 guineas; boarding fees, 45*l.* to 50*l.* per annum. University Local Examinations. Head Master, W. W. S. Escott, M.A., late Scholar Trinity College, Oxford; Second Master, Rev. J. J. Soden, M.A., Cambridge.

COVENTRY, HIGH SCHOOL. Established 1865. A liberal preparation for Business, Professions, or Universities. Instruction is rendered a



process of *education*, not of "cramming;" of awakening, strengthening, and training the latent powers of the intellect. About 36 Pupils, at from 54*l.* to 57*l.* per annum inclusive. Vacations, 12 weeks in the year. Principal, the Rev. G. Heavyside, B.A., London, with 1 resident and 3 non-resident Masters.

\* COVENTRY, ALLESLEY PARK COLLEGE. Established as the Midland School in 1848. A high school, conducted on the most improved principles and methods. More than ordinary attention is given to Science, chiefly Chemistry, Zoology, and Physiology. About 70 Pupils are prepared for the University Local Examinations, and have obtained great success; 100 certificates having been obtained up to 1880; 10 have matriculated at the London University in the first division. Special classes are formed as required for University Matriculation, Civil Service, Navy, Competitive, Agricultural, and other Examinations. There is also a Preparatory School under the superintendence of a Lady. Terms, for board and tuition, from 45*l.* to 60*l.* per annum. Vacations, 13 weeks in the year. Principal, Thomas Wyles, F.G.S., with 4 resident assistant Masters.

COVINGTON, *near* KIMBOLTON (*Hants*), COVINGTON RECTORY. A few private Pupils prepared for the Public Schools, Government Offices, Universities, etc. Terms, 60 to 80 guineas per annum. Principal, the Rev. R. L. Watson.

† COWBRIDGE (*Glamorganshire*), GRAMMAR SCHOOL. Latest foundation, 1678, by Sir Leoline Jenkins. Endowment, 50*l.* per annum. Instruction to about 60 boys from 8 years old (40 of whom are boarders at 52*l.*, the rest pay 4*l.* or 10 guineas each), in Classics, French, German, Mathematics, etc. 5 Monitorships of 16*l.* 10*s.* each, tenable 4 years at School. Examiners from Oxford. Vacations, 13 weeks. Head Master, the Rev. M. Price Williams, M.A., and resident and non-resident assistant Masters.

COWES. See ISLE of WIGHT.

COWLEY. See OXFORD.

COMELY BANK (*near Edinburgh*). See EDINBURGH.

COXWOLD (*Yorkshire*), GRAMMAR SCHOOL. Founded 1602, by Sir J. Harte. Endowment, 36*l.* per annum, with house. Gratuitous instruction in Classics and Mathematics to 27 boys of Coxwold.

COBRIDGE (*Staffordshire*), COLLEGIATE SCHOOL, *near* STOKE-ON-TRENT. Established 1874. The nature of education is Classical and Modern. In the Modern Department, Latin and Greek are dropped for Scientific subjects. Number of Pupils, from 70 to 80. Day-fees: 6 to 10 guineas; boarding, 35 to 45 guineas. About one-fourth are boarders. Pupils are admitted at the age of 7. Examinations are held half-yearly. Candidates sent to various examinations. Vacations, 10 weeks in the year. Principal, John F. Earp, B.A., with 3 resident assistant Masters.

CRADLEY, *near* GREAT MALVERN (*Hereford*), GRAMMAR SCHOOL. Founded 1669. This school has been lately re-built, so as to accommodate over 100 children; and it is now a Public Elementary School under Government Inspection.. Head Master, vacant.



\* CRANBROOK (*Kent*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded, 1564, by Simon Lynche. Endowment, 200*l.* per annum, and house. Education to 18 foundationers and 133 boarders, in Classics, Mathematics, French, German, Natural Science, and English. Has 5 Exhibitions of 20*l.*, and 3 of 10*l.*, tenable in the school; 1 Scholarship of 50*l.*, tenable for 3 years at Oxford or Cambridge, and 2 of 50*l.*, tenable for the same time at any University, College, or Hospital. The Right Hon. Viscount Cranbrook gives a prize of 5 guineas in books to the boy elected to the Classical Scholarship. A. J. B. Beresford-Hope Esq., M.P., gives a prize of 3 guineas in books to the Mathematical Scholar. Phineas Fletcher, the poet, received his early education here. Head Master, the Rev. C. Crowden, M.A.; with 10 other assistant Masters.

† CRANLEIGH (*Surrey*), near GUILDFORD, COUNTY SCHOOL. This school was founded by subscription in 1815, and the object is to provide a sound and plain education in accordance with the principles of the Church of England, and on the Public School System, to the sons of members of the middle class. Scholarships of 15*l.*, and 30*l.* each, tenable in the school, are given after the summer Examination, also several prizes. The necessary charges for education, board, etc., are about 36*l.* per annum each. The year is divided into 3 terms. The holidays are 11 weeks. Boys are admitted as early as 9 years of age. Applications for admission to be made to the Head Master, Surrey County School, Cranleigh, Guildford. Head Master, the Rev. Joseph Merriman, M.A., late Fellow of S. John's College, Cambridge, and 10 assistant Masters.

CREDITON (*North Devon*), QUEEN ELIZABETH'S SCHOOL. Founded by King Edward VI., 1547, chartered by Queen Elizabeth, 1560. Endowment, 600*l.* The course of education is that of a first-grade school. There is an Exhibition at the school, awarded annually, of the value of 60*l.* per annum, tenable for 3½ years at Oxford, Cambridge, or Durham, open to all residents in the county of Devon. There are also 6 Scholarships, value 10*l.* per annum, to which Pupils in the school are elected as vacancies occur, regard being had to merit and to the pecuniary means of the candidates. A limited number of boarders is received into the Second Master's house, at terms from 45*l.* to 60*l.* per annum. Vacations, 12 weeks. Head Master, Rev. G. H. Statham, M.A., with assistant Masters.

\* CREWKERNE (*Somerset*), THE GRAMMAR SCHOOL. Founded A.D. 1499, by John de Combe. Commodious new buildings, which cost 9,000*l.*, have been erected, situated on an elevated site outside the town. The subjects of study are Latin, Greek, Mathematics, French, German, English, etc., Natural Science (with laboratory work). Number of Pupils 65, at terms, for day-pupils, 11*l.*; boarders, 38*l.* and 45*l.* per annum, according to age. The school is one of those privileged to send Candidates for the Dyke Scholarships. These 4 scholarships are of the annual value of 60*l.* each, and are tenable for 4 years at St. Mary Hall, Oxford. The "Hoskins," "Wynford," "John de Combe," "Crewkerne School," each Exhibition of 25*l.* a year, for 4 years. Two "Charles Penny" Scholarships of 8*l.* a year each, for 2 years, and Four "Owsley" Scholarships of 9*l.* each. The Exhibitions are competed for by Scholars of 2 years'

standing and above the age of 16 years, and are tenable at the Universities, the Cirencester Agricultural College, or by those pursuing the study of their professions in the Army, Law, or Medicine, or as Architects or Engineers. Examinations every 6 weeks; public examination in July. Vacations, 13 weeks. Head Master, Rev. F. Weller, M.A., assisted by 3 University Men, Modern Language Master, and Writing and Drawing Masters, all resident.

**CRIEFF** (*Perthshire*), **MORISON'S ACADEMY**. Established 1860. Endowment, the interest of about 18,000*l*. Morison's Academy is intended to furnish at a moderate rate a thoroughly good and liberal education on the Public School System, for the sons of upper and middle classes, so as to prepare them either for the Universities or for Professional or Commercial life, from 20 to 30 boarders, and about 60 day scholars. The course of instruction comprehends English in all its branches, Greek, Latin, French, German, Mathematics, Natural Science, Drawing, Music. From the great attention paid to the thorough teaching of English and the Modern Languages, together with the importance attached to Science teaching and Mathematics, this school is particularly adapted to boys intending to compete for the Army or Civil Service Examinations. Three Bursaries, each of the annual value of 20*l*., and tenable for 3 years, are given by the trustees to boys leaving this academy for any of the Scotch Universities. The trustees also offer yearly 3 Bursaries of 5*l*. each, tenable for 3 years, to boys attending the academy. Boys at this school are also eligible for the Edinburgh Perthshire Association College Scholarship, of the annual value of 25*l*., and tenable for 4 years. 3 School Bursaries, of the annual value of 12*l*. each, are given every year by the same Association, and can be held by boys attending Morison's Academy. The charge for board and tuition is, for boys above 10 years of age, 60 guineas; under that age, 50 guineas. Rector, Geo. Strathairn, M.A., late assistant to the Professor of Humanity in the University of Edinburgh, with a staff of assistant Masters.

**CROMER** (*Norfolk*), **GRAMMAR SCHOOL**. Founded by Sir Bartholomew Reed, in 1605. Endowment, 10*l*. per annum, supplemented by 120*l*. from the Goldsmiths' Company. Instruction, English course. Head Master, John Lord.

**CROSBY**. See **GREAT CROSBY**.

**CROSBY GARRETT** (*Westmoreland*), **SCHOOL**. Founded 1735. Endowment, 7*l*. 9*s*. per annum. It is now an elementary school. Head Master, vacant.

**CROSBY RAVENSWORTH** (*Westmoreland*), **GRAMMAR SCHOOL**. Founded about 1666. Endowment, 50*l*. per annum. Instruction to 30 boys in elementary English and Classics, on payment of a few shillings a year. Head Master, Alfred J. Ternent.

**CROSTHWAITE** (*Cumberland*), **FREE SCHOOL**. Founded before 1571, by Geo. Cocke. Endowment, 125*l*. per annum. Instruction in English elementary course, with Latin, if required. Head Master, Henry Hitchcock.

**CROWTHORNE** (*Berks*), near **WELLINGTON COLLEGE**. A high-class Preparatory School for 50 or 60 boys, all boarders, between 8 and 14, who

are prepared for Wellington College, Winchester, and the other Public Schools. The course of instruction includes Classics, English, Mathematics, and French. Boys prepared for Scholarships. Head Master, Rev. J. W. Spurling, M.A., Trinity College, Cambridge, assisted by 4 resident Masters, all Graduates of Oxford or Cambridge, and others.

\* CROYDON (*Surrey*), ARCHBISHOP WHITGIFT'S GRAMMAR SCHOOL. Founded in 1596. School revived, and new buildings opened, in 1871. There are now 286 boys. There is one boarding-house, opened by one of the Masters, Rev. J. W. Thomas, with four boys; the other boys live with their parents, guardian, or next friend. The education is adapted to those who are going to the Universities, into the Professions, or into Business. During 1881 the Charity Commissioners' scheme received the sanction of the Privy Council. By it another school is established, in Church Road, Croydon, called the Whitgift Middle School. Head Master, W. Ingrams. Fees, 6*l.* per annum. No boarders. Head Master, Robert Brodie, M.A., late Senior Student and Tutor, Christ Church, Oxford; 18 assistant Masters, of whom 8 are Graduates of Oxford or Cambridge.

CROYDON, WHITGIFT MIDDLE SCHOOL. Head Master, W. Ingrams. (See above.)

CROYDON, THE PRIORY. Pupils prepared for Competitive Examinations for Sandhurst, Woolwich, and Cooper's Hill Colleges, and for direct Commissions in Her Majesty's Army, at the following charges: 5*l.* per term, with the usual vacations at Christmas, Easter, and Midsummer. The instruction embraces Classics, Mathematics, Fortification, Geometrical and Freehand Drawing, French, English History, and Geography. Principal, St. John Boulton, M.A., and a staff of Professors of the Universities of Oxford and Cambridge.

CROYDON, PREPARATORY SCHOOL, LINLITHGOW VILLAS, WELLESLEY ROAD. Little boys prepared for the Public Schools at fees from 40*l.* to 50*l.* per annum, inclusive. Terms: for board, education, holidays, and clothing, 70*l.* to 80*l.* per annum. Principal, Mrs. Carr.

CROYDON WEST, COLLEGE HOUSE, LONDON ROAD. Pupils are prepared for Professional or Commercial life. The course of study includes every branch of a complete English education, the Greek, Latin, French, and German Languages, Mathematics, Drawing, and Painting, and Vocal and Instrumental Music. Pupils are regularly examined by the College of Preceptors. Terms: for boarders, from 30 guineas per annum, according to age. Special arrangements for foreign pupils. Principal, H. Webb, M.C.P., with competent assistant Masters.

CROYDON WEST, ETON HOUSE SCHOOL, LONDON ROAD. Established 1863. Classical and English Commercial education, including German, French, Drawing, Music, Vocal Music specially. Fees: for boarders, 30 and 36 guineas per annum; day-boarders, 12 and 15 guineas per annum; day-scholars, 6 and 9 guineas per annum. Pupils admitted at 7 years of age. Examinations at Midsummer and Christmas. Principal, William Owen, and one resident assistant Master.

CROYDON, THE LIMES. A preparatory school for a limited number of boys between the ages of 7 and 14, at terms from 60 to 100 guineas per

annum, for boarders, and 20 to 36 guineas per annum, for day-scholars. The object of this school is to give young boys a sound, not a superficial education, and to ground them so thoroughly in their work, that they may be ready on leaving to enter any of the large Public Schools. The number of pupils is limited to 6 boarders and 24 day-scholars. Principal, Rev. G. R. Roberts, M.A. (Cambridge).

CROYDON, DINGWALL LODGE. A few private pupils prepared for Eton, Harrow, and other Public Schools, also for the Universities. Principal, A. Mackenzie.

† CRAWLEY (*Sussex*), NORTH HOUSE GRAMMAR SCHOOL. Established 1866. The ordinary course of study will embrace Writing, Arithmetic, Book-keeping, English Grammar, and analysis of the English Language, Latin, Algebra, Mensuration, Geography, History, etc. Fees: for boarders, 30 guineas per annum. Vacations, 10 weeks. Principal, James Rowse.

CUCKFIELD (*Sussex*), GRAMMAR SCHOOL. Founded 1522, by Edward Flower. Endowment, 28*l.* per annum. Is now merged in the National Schools, containing about 300 children. Head Master, vacant, in prospect of a new scheme.

CUDDESDON (*Oxfordshire*), THEOLOGICAL COLLEGE. See THEOLOGICAL COLLEGES, p. 353.

CUPAR (*Fife, N.B.*), MADRAS ACADEMY. Founded 1832. Endowment, 620*l.*; the larger part of which however is spent upon an elementary education: viz., on a Lower School, and on Kirkgate School in Madras Academy. A Classical and Commercial education is given, including English, Latin, Greek, French, and German, to about 230 pupils. Vacations, 8 weeks. Head Masters, Peter Macdougall, Ph.D., James H. Wilson, B.A., W. Reid, M.A., Charles Fotheringham.

CUDDINGTON (*Bucks*), CUDDINGTON VICARAGE. 6 pupils are received and prepared for the Public Schools, Universities, and Competitive Examinations, at terms from 80 to 100 guineas per annum. The Vicarage is healthily situated in the Vale of Aylesbury, and stands in 8 acres of meadow, for cricket, etc. Principal, Rev. J. M. Price, M.A., Oxon.

## D.

DACRE (*Yorkshire*), DACRE SCHOOL. Founded before 1749, by M. Brown. Endowment, 27*l.* per annum. Is now merely an Elementary English School. Head Master, vacant, in prospect of a new scheme.

DALSTON, *near* CARLISLE (*Cumberland*), DALSTON GRAMMAR SCHOOL. Founded 1696. Endowment, 36*l.* Is now merely a Grammar School in name, and only an Elementary English School, under Government inspection. By the Trust deeds, the Head Master must be able to teach the rudiments of Latin. Head Master, Thomas Wilson, with 1 assistant Master.

DALTON-IN-FURNESS (*North Lancashire*), THE GRAMMAR SCHOOL. Founded 1622, by Thomas Boulton. Endowment, 130*l.* per annum. This school is now in abeyance.



DARESBURY (*Cheshire*), GRAMMAR SCHOOL. Founded by Richard Rider, in 1600. Endowment, 50*l.*, with house. General course of instruction. Head Master, John Cooper.

DARLINGTON (*Durham*), GRAMMAR SCHOOL. (*2nd Grade*.) Founded by Queen Elizabeth, 1567, rebuilt 1876. Endowment, about 250*l.* The education is liberal and practical; and includes Latin, Greek, French, German; prominence given to Natural Science. Number of pupils, 150; average tuition fee, 9*l.* per year; boarding fee, 50 guineas per year. Pupils are admitted by Examination, conducted by Head Master. 205*l.* annually presented in Scholarships. Examiner appointed annually by the Governors of the School. Vacations: Midsummer, 6 weeks, Christmas, 3 weeks, last 2 weeks of April; 11 weeks in all. Head Master, Philip Wood, M.A., Edinburgh, 1 resident and 6 non-resident assistant Masters.

\* DARLINGTON, CLEVELAND COLLEGE. Established 1865. The instruction embraces all that is comprehended in a finished education, including Latin, Greek, French, German, Italian, Drawing, Painting; the utmost attention is bestowed upon the elementary branches. Pupils are prepared for the University, College of Preceptors, and other Examinations. Terms: from 35 to 50 guineas per annum. Vacations, 13 weeks. Principal, Henry Brooks, A.C.P., with 4 resident and 2 non-resident assistant Masters.

DARLINGTON, GAINFORD ACADEMY. Established 1818. Instruction in Classics, French, German, Italian, etc., to 80 boys, boarders, at 35*l.*, per annum. Vacations, 10 weeks. The Rev. W. Bowman, Head Master, and 9 assistant Masters.

DARLINGTON, HEIGHINGTON ACADEMY. Established 1857. Instruction in Classics, French, English course, and Natural Sciences, to 30 boys, of whom 20 are boarders, at about 40*l.*, and 10 day-pupils, at eight or ten guineas per annum. Pupils sent for examination to Royal College of Preceptors, to Middle-Class Examinations of Durham University, etc. The Rev. J. Dixon, B.A., Principal, and assistant Masters.

\* DARNHALL (*Cheshire*), GRAMMAR SCHOOL. Founded 1689. Endowment, 85*l.*, good residence and grounds. The general course of studies includes Latin, Greek, and French, special studies for Oxford and Cambridge Locals, Law, Pharmaceutical, and Science in connection with South Kensington. Average number of scholars, 120. Fees: 4*l.*, with extras for Languages and special studies; boarders, from 40*l.* Pupils admitted at age of 7 by Head Master. Examinations half-yearly, by the Trustees or special Examiner appointed by them; such Examiner being a Graduate of one of our Universities. Vacations, 9 weeks in the year. Head Master, Joseph Weedow, F.R.G.S., M.R.C.P. (London), and Undergraduate of T.C.D., with two assistant Masters.

DARWEN. See OVER DARWEN.

DARTFORD (*Kent*), THE GRAMMAR SCHOOL (*2nd Grade*). Founded 1575, by W. Vaughan and others. Revived in 1866. Endowment, 6*l.* 15*s.* per annum. Handsome Gothic school buildings. Instruction in Classics, Mathematics, French, German. Accommodation for 100 boys. Fees: for day-pupils, 8*l.* to 14*l.*; boarders, 40*l.* to 50*l.* per annum. Head Master, Lewis P. Harris, with 3 resident and 4 non-resident assistant Masters.



DARTMOUTH (*South Devon*), VICARAGE OF TOWNSTAL AND S. SAVIOUR'S. A few pupils prepared for H.M.S. "Britannia," or otherwise, at terms from 80*l.* to 120*l.* per annum, by the Rev. J. Priestley Foster, Vicar.

DARTMOUTH, DARTMOUTH GRAMMAR SCHOOL. Pupils prepared for Universities, Professions, &c. A few boarders only taken by the Principal. Terms moderate. Principal, the Rev. W. Lloyd Price, M.A., Oxford.

DARTMOUTH, H.M.S. "BRITANNIA" TRAINING SHIP. See page 250.

DATCHET (*Berkshire*), near WINDSOR. A limited number of high-class pupils received. Preparation for the Public Schools. Principal, A. Foley, with resident and visiting assistant Masters.

† DAVENTRY (*Northamptonshire*), GRAMMAR SCHOOL. Founded 1576, by W. Parker. Endowment, 20*l.* per annum. Instruction to 25 boys, paying 5 guineas each per annum, in Classics, Mathematics, French, and English course. Head Master, the Rev. C. F. Hutton, B.A.

DAWLISH (*Devon*), PLANTATION HOUSE. Established 1862. The course of instruction embraces the Greek and Roman Classics, Modern Languages, Mathematics, Natural Science, and the various branches of a sound English education. Terms : for boarders under 13 years of age, 54 guineas ; for boarders above 13, 66 guineas ; for day-pupils, 15 guineas per annum. Principals, Messrs. S. and J. Allen, and assistant Masters.

DALRY (*Kirkcudbright*), FREE GRAMMAR SCHOOL. Founded 1639, by Robert Johnstoun. Head Master, James S. Anderson F.E.I.S.

\* DEAL (*Kent*), THE COLLEGIATE SCHOOL, ALFRED HOUSE. Established 1815. Instruction in Classics and Modern Languages to about 70 pupils. The fees for boarders are 36 guineas per annum ; day-scholars, 6 guineas per annum. There is a preparatory department for boys under 10. Vacations : 1 month at Christmas ; fortnight at Easter ; 7 weeks in the summer. Principal, James R. Lush, J.P., and 4 assistant Masters.

DEAN (*Cumberland*), GRAMMAR SCHOOL. Founded by John Fox, in 1796. The Head Master to be appointed by the Goldsmiths' Company. Endowment, 13*l.* per annum.

DEBENHAM (*Suffolk*), SIR ROBERT HITCHAM'S ENDOWED BOYS' SCHOOL. Founded 1636. Foundation uncertain. Masters, etc., are paid. Books, etc., found by the Trustees of the Charity. The education is elementary at present. The fees for tuition range from 3*d.* to 1*s.* per week. This school is now in a transition state, and will soon be re-organized under a new scheme. Vacations, 9 weeks. Head Master, J. M. White, 1 assistant Master, non-resident, and 1 Monitor.

DEDHAM (*Essex*), GRAMMAR SCHOOL (1st Grade). Founded A.D. 1571. Chartered by Queen Elizabeth, A.D. 1575. Created a First Grade Modern School, Nov. 20th, 1873. The course of instruction pursued in the school comprises the English, Latin, Greek, French, and German Languages, Mathematics, Chemistry, and Physical Science. A special practical class is formed of boys intending to compete for admission to

Sandhurst, Woolwich, and Cooper's Hill, or preparing for direct Commissions in the Army, for Cadetships in the Navy, or for appointments in any branch of the Civil Service. A weekly lesson is given in the school laboratory on Chemistry or Physics. A Library and Museum have been founded in connection with the school. The number of foundation scholars is limited to 20. An annual sum of 90*l.* is assigned for the provision of Exhibitions, tenable at any University or place of learned, scientific, or professional education. Head Master, the Rev. Gerald T. Lermitt, M.A., LL.D., Cambridge, with 7 assistant Masters.

DENBIGH (*Denbighshire*), COMMERCIAL SCHOOL. This is only a small day-school for the children of tradesmen and farmers. Fees: 4 guineas per annum. Principal, John Macaulay.

\* † DENBIGH, FREE GRAMMAR SCHOOL. (*2nd Grade*). Founded 1726. New site, 1867. Endowment, 60*l.* per annum. Instruction in Classics, Mathematics, French, Drawing, and English course, to boarders and day-pupils, from 8 years old. Fees, for day-pupils 6 guineas and 8 guineas a year, according to age. Boarders pay 36 to 40 guineas a year. 10 Scholarships, value 6*l.* and 10*l.* a year, are tenable at the school by boys who have been educated in the Elementary School of the district. Number of boarders 12, day-pupils 46. Head Master, S. Edwards, M.A., London, with resident assistant Masters.

\*\* DENSTONE, UTTOXETER (*Staffordshire*), (in connection with the College of SS. Mary and John of Lichfield,) S. CHAD'S COLLEGE. Established 1873. Endowment, 140*l.* Classical, Mathematical, and Commercial education for the sons of the Professional, Agricultural, and Commercial classes. The fees in the Grammar School are 34 guineas; Head Master's House, 48 guineas per annum. Special school for preparing Engineers, etc., 45 guineas; day-scholars, 8 guineas. Boys must be able to read and write as a qualification for admittance. There are 7 Scholarships, reducing the expenses to 20 guineas per annum; 36 Scholarships reducing the expenses to 15 guineas per annum, with several Exhibitions, value from 5 to 34 guineas per annum. The school is examined by the Oxford and Cambridge Schools Examination Board. 6 weeks at Christmas, and 6 weeks at Midsummer, with about 10 days' optional holidays at Easter. Provost, the Rev. E. C. Lowe, D.D.; Vice-Provost, Rev. H. Maynell, M.A.; Head Master, Rev. D. Edwards, M.A., Jesus College, Cambridge; Chaplain, Rev. C. B. Tyrwhitt, M.A., Christ Church, Oxford; Second Master, Rev. C. B. Thomas, M.A.; with 8 resident and 2 non-resident Masters.

DENT (*Yorkshire*), SEDBERG, SCHOOL. Founded 1604, by James I. Endowment, 70*l.* per annum. Instruction in Classics (free), French, German, Mathematics, and English. About 40 boys. Head Master, George Swift, B.A.

\*\* DEPTFORD (*Kent*). See LONDON, S.E. DISTRICT.

DENMARK HILL (*Surrey*). See LONDON, S.E. DISTRICT.

\*\*\* DERBY (*Derbyshire*), THE GRAMMAR SCHOOL. Founded 1160. Restored by Royal Charter 1554. Instruction to about 150 pupils for Universities, Public Schools, and Commercial life. Terms: for boarders,

70*l.* per annum; sons of clergymen and officers in the Army and Navy, 60*l.* per annum. There are 5 House Scholarships of 40*l.* each, tenable for 3 years; also 3 "Rowland" Scholarships, of 25*l.* each, tenable for 2 years; also Competes with Ashby-de-la-Zouch School for 2 Exhibitions of 50 guineas each per annum. Ernest William Hobson, the Senior Wrangler for 1878, received his education at this school. Head Master, the Rev. Walter Clark, B.D., with a large staff of resident Masters, all Graduates of Oxford or Cambridge.

DERBY, FARNHALL HALL. Practical and theoretical training for Engineers. Instruction in Mathematics, French, German, Engineering, Drawing, Surveying, Sciences, Turning, Forging, Fitting, Construction of Machinery and Steam, Preparation for Forest, Telegraph, Whitworth, Cooper's Hill Examinations. About 12 high-class pupils. Terms: 120 guineas per annum. Principal, the Rev. E. E. Montford, M.A., a resident Foreign Master, and a Mechanical Engineer.

DERBY, SPONDON HOUSE, SPONDON. Boys from 7 to 15 years of age prepared for Public Schools. Present number 50. Terms 60 and 70 guineas per annum. Head Master, Rev. E. Priestland, M.A., Scholar of Corpus-Christi College, Cambridge; Second Master, Rev. E. L. Browne, M.A., St. John's College, Cambridge.

\* DERBY, DIOCESAN SCHOOL, FRIAR GATE. Established 1844. Instruction to suit Commercial pursuits to 100 day-boys, who pay 5*l.* 5*s.* per annum. Pupils have been successful at the University Locals and South Kensington Examinations in Science and Art. Examined at Christmas by Examiners appointed by Archidiaconal Board. Head Master, P. J. Hammond.

\* DERBY, THE MIDDLE CLASS SCHOOL. Established 1869. The subjects of instruction to 140 pupils are Divinity, Mathematics, English, Drawing, Music, Latin Grammar, French, Sciences. Fees: 5*l.* per annum. Vacations, 9 weeks. Visitor, the Lord Bishop of Lichfield; Founder, the Rev. Canon J. Erskine Clarke, M.A.; Past Warden, the Rev. Prebendary M. H. Scott, M.A.; Warden, Rev. R. Hey, M.A. Principal, George Sutherland, F.R.G.S., with 4 assistant Masters, all non-resident.

DERBY, THE HIGH SCHOOL. Established 1850. The scheme of this school has been devised to give as broad, but also as high an education as possible to those not wishing to go to the Universities. Vacations, 12 weeks. The number of boarders is limited to 15. Principal, Geo. Kitching, A.C.P., with 2 non-resident assistant Masters.

DERBY, WHITWORTH SCHOOL. Established 1871. To provide a good, sound, and serviceable education for boys of the middle class. The course of instruction includes the usual English branches, Geography and History, Scripture Knowledge, Latin, French, Mathematics, Science, Drawing, Singing, Drilling. The charges for day-pupils over 11 years of age, 9 guineas per annum; under 11 years of age, 7½ guineas per annum. Principal, Orlando Pearce, assisted by competent Masters.

\* DERBY, COLLEGIATE SCHOOL, HAYES LODGE, MORLEY. Established 1828. The course of studies embrace Latin, Greek, French, German, Mathematics, Drawing, Music. Pupils also prepared for

Commercial life. Terms: from 30*l.* to 40*l.* per annum. Vacations, 9 weeks. Principal, E. Leaf, and 3 resident assistant Masters.

DEREHAM. See EAST DEREHAM.

¶ DEVIZES (*Wilts*), GRAMMAR SCHOOL, HEATHCOTE HOUSE, THE GREEN. Established 1871. The course of study comprises, in addition to a thorough Commercial education, instruction in Greek, Latin, French, Drawing, the elements of Mathematics and Physical Science, according to the ages and capacities of the pupils. The fees for boarders are 30 guineas per annum inclusive; day-pupils, 8 to 10 guineas per annum. Vacations, 12 weeks. Principal, the Rev. S. S. Pugh, with assistant Masters.

\* DEVONPORT (*Devon*), EXMOUTH HOUSE SCHOOL, STOKE. Pupils prepared for the Universities and Public Schools, for the various Professions, and the Oxford and Cambridge Local Examinations. Terms: for day-boys above 12 years, 12 guineas per annum; under 12, 10 guineas per annum; inclusive terms for boarders, 55 and 60 guineas per annum. Holidays, 13 weeks during the year. Head Master, Rev. J. M. Wheat, B.A., S. Mary's Hall, Oxford.

DEVONPORT, 12, S. AUBYN STREET. The education is suited for those intended for Commercial pursuits, and includes instruction in English subjects, Arithmetic, and Latin. The terms for boarders, from 25 to 30 guineas per annum; day-pupils, from 4 to 6 guineas per annum. Principal, R. B. Welch, with assistant Masters.

DEYTHEUR (*Montgomeryshire*), (near LLANSAINTEFFRAID,) GRAMMAR SCHOOL. Founded 1659. Endowment, about 115*l.* Instruction to 50 pupils in Classics, Mathematics, English, to 45 day-scholars, all free, and 24 boarders. Free scholars must be able to read fairly, and reside in the Hundred of Deytheur. Examinations at Midsummer and Christmas. Vacations: 6 weeks at Midsummer, 4 at Christmas, and 1 at Easter. Head Master, Rev. J. R. Kennedy Bell, Oxford University.

DENNY (*Stirlingshire*), HERBERTSHIRE CASTLE. Established at Montgreenan House, Ayrshire, in 1849, removed to the Grange, Bishopton in 1861. To Meikle House, Perthshire, in 1872, and in 1877 to the present buildings. The course of education comprehends English, Latin, Greek, French, German, History, Geography, Arithmetic, Writing, Book-keeping, Mathematics, Chemistry, Drawing, Singing, Gymnastics, and Military Drill, with elementary lessons in all the Sciences. Pupils are also prepared for the Universities. Terms: 80 guineas per annum. Principal, T. R. Wilson; Vice-Principal, J. W. Reid, M.A., with 3 resident assistant Masters.

DIDDINGTON (*Hunts*), DIDDINGTON VICARAGE, near HUNTINGDON. A limited number of pupils prepared for the Public Schools and other Examinations. Terms: 100*l.* per annum, and for boys above 14, 120*l.* Principal, the Rev. A. Hannam, M.A.

† DILHORNE (*Staffordshire*), ENDOWED SCHOOL. Founded in the 16th century, by the Rev. John Whiteacres. Endowment, 251*l.* per annum. Instruction in English only to 110 pupils. Head Master, Thomas Chadwick.



**DITCHLING** (*near HURSTPIERPOINT, Sussex*), **LITTLE S. JOHN'S PREPARATORY SCHOOL**. In connection with S. Nicholas' College, Lancing, and S. John's College, Hurstpierpoint. It is established with the sanction and under the inspection of the Provost and Fellows of S. Nicholas' College, for the education of little boys from 6 years of age, preparatory to their entering either of the above or other Public Schools. Terms: 40 guineas per annum. Vacations, 14 weeks. Principal, Annie E. Nickol, and 2 assistant Masters.

\* **DOBCROSS, SADDLEWORTH, near MANCHESTER, WHARMPTON GRAMMAR SCHOOL**. The regular course of instruction is Greek, Latin, English, Mathematics, French, and Drawing. Terms: for boarders, 32 to 36 guineas per annum. Head Master, George Kirkland, University of Edinburgh, assisted by resident and visiting Masters.

**DODINGTON, near SITTINGBOURNE (Kent), DODINGTON COLLEGE**. Established 1853. The education is suited for those intended for Commercial pursuits. Vacations, 10 weeks. 40 boarders are received. Principal, James M. Longhurst, A.C.P., 2 resident assistant Masters, and visiting Masters.

**DODINGTON, near SITTINGBOURNE (Kent), GLOCESTER HOUSE, COMMERCIAL, BOARDING, AND DAY SCHOOL**. The course of instruction is carried out on the most approved plans of modern education, and is such as to combine a thorough knowledge of English, French, Latin, History, Geography, and Land Surveying. The terms for board and tuition are from 20 to 25 guineas per annum. Principal, William Albert Rudd.

**DOLGELLEY (Merionethshire), GRAMMAR SCHOOL**. Founded 1625, by the Rev. John Ellis. Endowment, 40*l.* per annum. Head Master, Rev. W. Ellis, B.A., Cantab.

**DOLLAR (Clackmananshire), DOLLAR INSTITUTION**. Founded 1818, by John McNab. Endowment, over 2,000*l.* per annum. Instruction is given in Classics, English, French, and German, Mathematics, Engineering, etc., to about 500 boys and girls, of whom 50 or 60, being children of residents, are free. There is also an elementary department, conducted by 4 Masters and two Governesses, with about 400 scholars, half of them free. Boarders are received by Principal, Masters, etc., at from 50*l.* to 60*l.*, school fees included. Scholarships, or Bursaries, of 20*l.* per annum for 3 or 4 years, are often granted to meritorious free scholars. Vacations, 10 weeks. Principal, Geo. Thom, M.A., with 11 Masters, 2 Assistants, and 2 visiting Masters.

† **DOLLAR, MAYFIELD HOUSE**. Boarding and instruction for pupils attending Dollar Institution. Terms: from 45 to 55 guineas, including the fees of the Institution. Principal, the Rev. D. Montgomery.

\* **DONCASTER (Yorkshire), THE GRAMMAR SCHOOL**. Founded 1553. Re-opened in 1862. The Endowment is insignificant, but there are handsome school buildings, and the Corporation allows an annual grant. This school has 3 distinct departments: English Department, Classical Department, and Special Department for Competitive Examinations. The course of instruction includes Classical, Mathematical, English (gen.), History, Geography, French, German, Drawing, Book-



keeping, Music, Military Drill. The fees in English Department are 4*l.* a year for Borough boys, 8*l.* out of Borough; Classical Department, 6*l.* a year for Borough boys, 10*l.* out of Borough; Special Department, 10 guineas per annum. 10 pupils, admitted by Competitive Examination, are free. The following Exhibitions are awarded: Sturgess Exhibition, 50*l.*, for 3 years, at Universities; Standish Bequest, about 18*l.* for school purposes; The Morley Exhibition of 80*l.* a year, for 5 years, tenable at Cambridge University. Two school Exhibitions of 30*l.* a year each, given by the Head Master. The Lady Hastings' Exhibitions and the Akroyd scholarships are competed for by this school. Vacations, 12 weeks. Head Master, the Rev. George Smith, M.A., late Scholar of St. John's College, Cambridge, and 6 assistant Masters.

DONCASTER, HALL GATE SCHOOL. Preparation for Professional and Commercial pursuits. Instruction in Mathematical, Classical, and Scientific subjects, etc., to 55 pupils. Terms: for boarders, from 36 to 42 guineas; day-boys, 9 guineas per annum. Principal, W. T. Jackson.

\* DONINGTON (*Lincolnshire*), COWLEY'S GRAMMAR SCHOOL. Founded 1701. Endowment, 1,500*l.* The course of instruction embraces Greek, Latin, Mathematics. About 40 pupils are free. Non-resident day-boys pay 6*l.* a year, boarders 50 guineas a year. There are 3 Exhibitions of 25*l.* a year, tenable for 3 years. Head Master, vacant, in prospect of a new scheme.

† DONNINGTON (*Salop*), GRAMMAR SCHOOL. Founded by Thomas Alcock, in 1627. Endowment, 26*l.* per annum, with house. Two Exhibitions of 60*l.*, tenable for 4 years at Christ Church, Oxford. There are also other Exhibitions. Head Master, vacant, in prospect of a new scheme.

\* DORCHESTER (*Dorset*), GRAMMAR SCHOOL. Founded 1569, by Thomas Hardy. Has been lately re-modelled under a new scheme. Mathematics and 1 Foreign Language are included in the course of instruction. The fees range from 6*l.* to 12*l.* per annum. Head Master, H. Napier Kingdon, M.A., Corpus Christi College, Cambridge.

\* † DORCHESTER, CLASSICAL AND COMMERCIAL SCHOOL. The course of study in this school embraces every branch requisite to qualify for Professional and Mercantile life. A much fuller account of this school will be given in the Annual Edition of 1880. The terms for boarders are 25 and 30 guineas, according to age. Principal, Thomas Middleton Dron, assisted by resident Masters.

† DORCHESTER (*Oxfordshire*), FREE GRAMMAR SCHOOL. Founded by Sir John Felip lace, in 1562. Natives of the town pay an entrance fee only. Endowment, 10*l.*, with house. This school is now only a National School for boys. Head Master, vacant, in prospect of a new scheme.

\* DORKING (*Surrey*), GRAMMAR SCHOOL. Pupils prepared for the Universities, the Civil Service, and Medical, Legal, and Commercial life, also for Oxford and Cambridge University Examinations. Terms: boarders, 35 guineas per annum. Principal, John Box.

DORRINGTON, SHREWSBURY, PARK VILLA SCHOOL. Established 1867. The course of instruction pursued, includes Euclid, Latin, English, Grammar with Analysis, Geography, History, and the various subjects

usually taught. Terms per annum : boarders above 12 years of age, 30 guineas ; under 10, 24 guineas ; day-pupils, from 4 to 5 guineas. Principal, Thomas Dixon, with 1 resident and 3 visiting Masters.

\* **DORSET COUNTY SCHOOL, CHARMINSTER, near DORCHESTER.** Established 1863. Instruction in Latin, French, German, Mathematics, etc. 27 certificates have been gained by the pupils at the Cambridge University Locals, up to 1873, and 11 in honours. Terms : 40*l.* to 44*l.* for boarders. A preparatory school has now been opened for boys between the ages of 7 and 11. Head Master, the Rev. T. Russell Wright, M.A., with assistant Masters.

**DOVENBY ENDOWED SCHOOL.** See **COCKERMOUTH.**

\* **DOVER (Kent), DOVER COLLEGE.** Earl Granville, the President, opened this College on 12th September, 1871, and H.R.H. the Duke of Connaught presented the prizes to the successful pupils in 1872. A complete classical training is provided ; but at the same time Mathematics, Modern Languages, and certain branches of Science, are systematically taught throughout the School. The College possesses all that remains of St. Martin's Priory, built in 1130. Of the ancient buildings one is used as a chapel, another as a School Hall, and a third as a Library. Pupils are prepared for the Universities, for the different Professions, for Business, for the Competitive Examinations, for the Home and Indian Civil Services, and the Army, etc. The fees for tuition are from 13 to 18 guineas per annum. The fee for board in the Master's house is 46*l.* 6*s.*, in addition to the tuition fees. Three Astley Exhibitions, giving the holders free tuition for 3 years ; also a Granville and a Freshfield Exhibition, each of the value of 10 guineas, and tenable for 1 year. These Exhibitions are open to all. Vacations, 13 weeks. Boarders are received by the Head Master, by Mr. C. E. Sparke, M.A., and Mr. F. B. Walters, M.A. All the boarding houses open on the grounds, and each boarder has a separate bed-room. 122 boarders, 50 day-boys. Head Master, the Rev. William Bell, M.A., Cambridge, with 11 assistant Masters.

**DOVER, CASTLEMOUNT.** An old-established and high-class preparatory school for the sons of gentlemen only. About 30 pupils are received. The new premises have been recently built at a cost of 10,000*l.* The school is well known. Pupils are prepared chiefly for Harrow. Principal, R. Chignell, assisted by a staff of competent Masters from the Universities.

\* **DOWNHAM MARKET (Norfolk), COMMERCIAL SCHOOL.** The course of instruction comprises all the essentials of a good English education, and also Latin, French, Drawing, and Music. Pupils are prepared for the Oxford and Cambridge Local and Civil Service Examinations. Terms : from 27 to 30 guineas. Principal, J. Watson, and 1 resident assistant Master.

\* **DRAX (Yorkshire, W. Riding), FREE SCHOOL.** Founded 1669, by Charles Read. Endowment, 550*l.* per annum, and house. Instruction in Classics, Mathematics, and English course, to 68 scholars and 12 day-boys. Head Master, Rev. J. Spink, B.Sc.

**DRIGG (Cumberland), GRAMMAR SCHOOL.** Founded in 1727, by Joseph Walker. Endowment, now 19*s.* only, and the school has there-

fore been some time closed. "An Endowment fund of 260*l.*, lent to a former Lord Muncaster, apparently lost."

\* **DRIFFIELD** (*Yorkshire*), **MONUMENT HOUSE SCHOOL**. Established about 1866. Instruction to about 40 pupils, in the usual English studies : with Latin, Greek, French, and German. Fees : for boarders, 28 to 36 guineas per annum. Principal, Richard Bryer, with 2 assistant Masters.

**DRIGHLINGTON** (*Yorkshire*), **GRAMMAR SCHOOL**. Founded 1643. Endowment, 60*l.* This school is now superseded by a Board School.

**DROGHEDA** (*Ireland*), **GRAMMAR SCHOOL**. Founded by Erasmus Smith, 1669. Endowment, 200*l.* The course of instruction to about 50 boarders and 30 day scholars. Includes the Greek and Latin Languages, Mathematics, French, German, Drawing, Book-keeping, and Mensuration, as well as all the branches of a sound English and Commercial education. Pupils are prepared for the Competitive Examinations. There are 35 Exhibitions in Trinity College, Dublin, given by competition among the pupils of the 4 Grammar Schools of Erasmus Smith, at Drogheda, Ennis, Galway, and Tipperary. 10 of these range from 50*l.* to 25*l.* per annum, and are tenable for 5 years. The rest of minor value are tenable for 7 years. Free Chambers in Trinity College are attached to all the Exhibitions. Thus a first class Exhibition is equal to 250*l.*, and Free Chambers in College. Medals in the school are awarded half-yearly by the Erasmus Smith Board, and Prizes are given by the Head Master. Terms : for boarders, 54*l.* per annum ; two brothers, 104*l.* per annum ; sons of clergymen, 50*l.* per annum ; day-boys, 12*l.* per annum. From this school a great many have distinguished themselves, and have risen to rank and eminence in their several professions. Of these space can be given only to the Right Hon. John Foster, Speaker of the Irish House of Commons, afterwards Baron Oriel ; and Doctor Stopford, the present Bishop of Meath. Head Master, the Rev. F. S. Aldhouse, M.A., late Scholar of Hertford College, Oxford, and 5 resident assistant Masters.

† **DRONFIELD** (*Derbyshire*), **GRAMMAR SCHOOL**. Founded in 1597, by H. Fanshaw. Endowment, 221*l.* per annum, and house. Instruction to 130 boys, of whom 100, being Foundationers, receive English tuition, and pay 1 guinea ; the others pay 6 guineas per annum, and are taught Classics, Mathematics, and Modern Languages. Head Master, Walter K. Bedingfield, B.A., Trinity College, Dublin, with assistant Masters.

\* **DRAYTON WEST** (*Middlesex*), **PADCROFT COLLEGE**. Established 1875. The course of instruction includes German, French, Latin, Greek, and English subjects. The fees for boarders are 40 guineas per annum ; day-scholars, 10 guineas per annum. Vacations, 10 weeks. Principal, Rev. George Hugh Jones, F.S.A., with 2 resident and 3 non-resident assistant Masters.

**DUBLIN** (*Ireland*), **MILITARY COLLEGE**, 20, UPPER MERRION STREET. The object of the Dublin Military College is the preparation of a limited number of candidates for all Military Examinations : viz., Sandhurst, Woolwich, and Cooper's Hill ; also for a few departments in the higher Civil Service. In cases of deficiencies arising from neglected education, they receive special lessons, and without extra fees, from the Principal. The College is open for the admission of non-resident students from the

middle of the second week in January to the last day of June, and from the middle of the first week in August to the end of the first week in December. Fees, 6 guineas per month. Each successful student pays a fee of 5 guineas after the result of the Examination is announced. Principal, George F. Crawford, M.A., Science, Honour, and Prizeman, University of Dublin, and 6 Professors, and assistant Masters.

**DUBLIN, THE QUEEN'S SERVICE ACADEMY, ELY PLACE.** Established 1852. Special preparation for Woolwich, Sandhurst, the Higher Civil Service, and all similar Competitive Examinations. More than 1,000 pupils have been successfully prepared; about 35 students usually attend. The distinctive feature is that each Master is a Specialist, teaching his own subject and no other. Full advantage is taken of the neighbourhood of the University of Dublin and of the Royal College of Science to recruit the staff for any required subject. From this establishment numbers of the Irish soldiers who have distinguished themselves in our recent wars have passed into Her Majesty's service. The late Sir Louis Cavagnari was one of its earliest successes. Principal, W. J. Chetwode Crawley, B.A., LL.D. (Member of the Senate of the University of Dublin), F.R.G.S., F.G.S., etc., Author of "The Handbook of Competitive Examinations," etc., assisted by a permanent staff of 10 Masters.

**DUBLIN, WESLEYAN CONNEXIONAL SCHOOL.** Established 1845. The education is Collegiate and Commercial, and embraces Classics and Modern Languages. About 170 pupils, at fees, for day-boys, 6 to 12 guineas per annum; boarders, 32 to 40 guineas per annum. There are a few Exhibitions, in value from 5 to 10 guineas per annum. Vacations, 8 weeks. Governor and Chaplain, Rev. Thomas Andin McKee. Head Master, M. MacIntosh, LL.D., with 12 assistant Professors and Tutors.

**DUBLIN, RATHMINES SCHOOL.** Established 1859. Preparation for the Universities, Civil Service, and Commercial life. The fees for day-boys are from 10*l.* to 20*l.* per annum; boarders, from 70*l.* to 80*l.* per annum. Vacations, 10 weeks in the year. Head Master, Rev. Charles W. Benson, M.A., T.C.D. This School is more fully described on page 780.

**DUBLIN, THE HIGH SCHOOL, 40, HARCOURT STREET.** This school, founded by Erasmus Smith, Esq., A.D. 1669, has been founded to provide on moderate terms an English education of the highest order. Classics, Mathematics, Natural Science, Modern Languages, Drawing, Book-keeping, etc., are taught by highly qualified Masters, with a view to preparing boys for the Universities, the Army and Civil Services, also for commercial pursuits; and the school is divided into a Lower Division and an Upper Division. In Trinity College, Dublin, an Exhibition of 30*l.* per annum, tenable for five years, and to be competed for yearly, has been recently founded for pupils of this school, who are also eligible for twenty-one Exhibitions of minor value, tenable for seven years. All these Exhibitions entitle the holders to free chambers in Trinity College. The holder of a minor Erasmus Smith Exhibition is not disqualified from competing for the College Junior and Senior Exhibitions of 25*l.* per annum for two years, or for any other College emolument. The School is entirely a day school. Head Master, W. Wilkins, B.A., Scholar and University Student. T.C.D.



DUBLIN, MASONIC ORPHAN BOYS' SCHOOL, FREEMASONS' HALL, MOLESWORTH STREET. This institution was founded in 1867, for the purpose of educating and maintaining the male orphans of deceased Freemasons. It is supported solely by voluntary contributions. Head Master, A. L. Sparks, B.A.; Secretaries, Philip D. Singley, Esq., M.D., and George H. Major, Esq.; Assistant-Secretary, Richard L. Whitty, Esq.

DUBLIN, KING'S HOSPITAL AND FREE SCHOOL OF KING CHARLES II., OXMAN TOWN. This institution, generally called the Blue-Coat School, was instituted for maintaining, clothing, educating, and apprenticing the sons of reduced citizens of Dublin. It was incorporated by Charter from King Charles II., in 1670. Registrar, G. R. Armstrong, Esq. Head Master, Rev. T. B. Gibson, M.A., T.C.D.

DUBLIN INTERMEDIATE AND CIVIL SERVICE SCHOOL, 43, GREAT BRUNSWICK STREET. Founded 1811. Endowment 100*l*. About 70 Pupils are prepared for Universities, Banks, and Merchants' Offices, Medical, Legal, Military, Naval, Intermediate, and all home Civil Service Examinations. The fees for boarders are 70 guineas a year, day scholars from 4*l*. to 12*l*. a year. Principal, G. Porte, M.R.I.A., and 4 assistant Masters.

DUBLIN, ROYAL UNIVERSITY ACADEMY, 11, SOUTH FREDERICK STREET. Students are prepared for all Examinations in Arts, in the Pass and Honor Courses. Special classes for lady-students were formed in July 1882. Principals, D. H. Tinkler, B.A., Ex. Sch., Moderator, and First Honorman in Mathematics, T.C.D., and H. S. M'Intosh, B.A., Ex. Sch., First of First Honormen in Classics, and First Honorman in English Literature, T.C.D.

DUBLIN, 20, MOLESWORTH STREET, BOARDING AND DAY SCHOOL FOR BOYS. The general course of instruction embraces the usual branches of a good English education, and includes Mathematics, Classics, Modern Languages, Natural Science, and Drawing, and is such as to prepare boys for a Professional or Mercantile career. Principal, Robert M. Lidbetter.

DUBLIN, RATHMINES SCHOOL. Founded 1859. Boys are prepared for the Universities, the Royal College of Surgeons, the Examination for Solicitors' Apprentices, the Banks, or for Commercial life. There are also classes for the Examinations held under the Intermediate Education Act. Junior boys are received at the age of 10 years, and are carefully and successfully taught. Elm Park, Ranelagh, a commodious residence, has been recently taken for the boarders of Rathmines School. It stands on its own grounds of about 3 acres in extent, and is within 10 minutes' walk of the school. Head Master, Rev. Charles W. Benson, A.M., LL.D., and 16 assistant Masters.

DUDLEY (*Worcestershire*), GRAMMAR SCHOOL (*2nd Grade*). Founded 1561, by J. Wattwood and M. Bysmore. This school is now in a transition state, and will shortly be re-constituted under a new scheme. Head Master, Rev. W. H. Cam, M.A.

DULWICH (*Surrey*). See LONDON, S.E. DISTRICT.

DULWICH COLLEGE. See Part V., PUBLIC SCHOOLS.



DUMFRIES, DUMFRIES ACADEMY. Date of foundation unknown. The curriculum of studies extend over a 10 years' course, viz., 4 years in the elementary school and 6 years in the high school; pupils join at any age. The fees range from 1*l.* 10*s.* to 11*l.* a year, and in the higher schools from 6*l.* to 11*l.* a year. There are several Bursaries and other prizes. Rector, Rev. J. Chinnock, M.A.

† DUNBAR (*Scotland*), BURGH SCHOOL. Founded 1564. Instruction in Classics, French, German, Mathematics, etc., to 150 children, all pupils, paying 15*s.* to 2*l.* per annum. Has connected with it several Bursaries in the gift of the Presbytery, for boys, natives of the parish, and tenable at Edinburgh University. Head Master, William Dick, with assistant Masters.

DUNFERMLINE (*Fife*), HIGH SCHOOL. Founded in the 15th century, date unknown. Endowment 120*l.* Has been recently re-organised. Instruction is given in Latin, Greek, Mathematics, French, German, English in all its branches, Drawing, etc., to 100 boys, the fees being 4*l.* per annum. Vacations, 8 weeks. Rector, W. Thompson, B.A.

DUNDEE (*Forfar*), THE HIGH SCHOOL. The High School of Dundee was established with the view of giving a liberal education to both boys and girls. It accordingly provided for instruction in all the usual English branches and also in Classics, Modern Languages, Mathematics, Drawing, and the elements of Science. The fees range from 4 guineas to 12*l.* per annum. At a recent meeting of the subscribers the ex-Provost announced that a lady and gentleman have offered a gift of 130,000*l.* to found a College in Dundee, and another citizen will give 30,000*l.* towards founding an intermediate educational institution between the public school and the proposed college, besides establishing a separate bursary fund. Head Master, Rev. A. Merry, M.A., and 9 assistant Masters.

DUNDEE, NEW UNIVERSITY COLLEGE. Founded by Miss Baxter, sister of Sir David Baxter and Dr. Baxter, who jointly gave, in 1883, the princely sum of 150,000*l.* for the endowment and erection of a college in Dundee. Buildings have been acquired, professors appointed, and the work of the college will soon be begun. Miss Baxter has given another 10,000*l.* to provide a laboratory, and the trustees of the late Dr. Baxter also 10,000*l.* to found a Chair of Law. Particulars of this college, which will be opened in January 1884, will be given in the next edition of this work. Principal, Mr. William Peterson, M.A., of the Edinburgh University. Mr. Peterson is to take the Chair of Classics and Ancient History.

DUNGANNON (*Tyrone*), ROYAL SCHOOL. Founded 1627. The course of instruction embraces the Ancient and Modern Languages, Arithmetic, and Mathematics, and all the branches of an English Education. Preparation for the University, the Civil Service, Mercantile pursuits, and the Military profession. There are 10 Exhibitions, tenable by boys at school, 5 of 25*l.*, and 5 of 15*l.*, per annum. 1 Exhibition of 25*l.*, and 1 of 15*l.*, lasting for 2 years, awarded annually; 2 other Exhibitions of the same value, and lasting 3 years, open annually; also several annual prizes of 10*l.* and 5*l.* There are also 10 Royal Scholarships, 5 of 40*l.*, and 5 of 30*l.*, per annum, attached to the Foundation, tenable for

5 years after entrance into Trinity College, Dublin. Modern Languages, Arithmetic, and Mathematics, English History, and Literature, are included in the subjects of Examination for these Scholarships, 2 of which are open to competition every year. The terms are 60 guineas per annum. Vacations, at Midsummer and Christmas. Head Master, Rev. F. H. Ringwood, M.A., ex-Scholar and senior Mod., with assistant Masters.

† DUNKELD (*Perthshire*), ROYAL GRAMMAR SCHOOL. Founded 1567. Endowment not stated. Instruction in Elementary Classics, French, Mathematics, etc., to 70 day-scholars. Rector, Andrew B. Hardy, and 1 Assistant.

DUNMOW (*Essex*), COMMERCIAL AND CLASSICAL SCHOOL. Established 1845. Is in union with King's College, London. A superior education is provided for boys intended for the Professions, the Civil Service, or Mercantile pursuits. In addition to Greek, Latin, Mathematics, and the usual English subjects, the course of instruction comprehends French, Drawing, Drilling, Practical Land-Surveying, and Levelling. Charges: for boarders above 10 years of age, 36*l.* per annum; under 10, 30*l.* per annum. Principal, Henry Eden Cockayne.

DUNSTABLE (*Beds*), CHEW'S FOUNDATION SCHOOL. Founded A.D. 1715. New scheme, sanctioned by Her Majesty the Queen, June 28th, 1880. For 100 boys. Boarders and day scholars, ages 8 to 15. Scholarships and Exhibitions up to 120*l.* per annum. Fees, day boys 1*l.* to 3*l.*, boarders 30*l.* to 35*l.* per annum. Head Master, Captain W. J. Hambling, J.P.

DUNSTABLE, THE LAWN PREPARATORY SCHOOL (*boys*). A limited number of boys educated in the usual branches of an English education, including French, Music, and Drawing. Terms: for day-boys, 12 guineas; and boarders, 32 guineas per annum. Principal, Miss Hunt.

DURDHAM DOWN. See BRISTOL.

DURHAM, DURHAM SCHOOL. See Part V., PUBLIC SCHOOLS.

DURHAM, CATHEDRAL CHORISTERS' SCHOOL. Education to 20 boys, part of cathedral choir, 10 of whom are on the foundation, who receive 27*l.* a year each and free education; the remaining boys have free education, and 20*l.* is given to every boy on leaving the choir and school. Head Master, H. P. Meaden.

DURHAM, MODEL SCHOOL, Established 1858. Instruction in English, Latin, Mathematics, Mechanical and other Drawing, to 120 boys. Fees, 1*l.* 16*s.* a year. Scholars admitted by Head Master, none under the age of 7. Pupils prepared for Durham University Local Examinations. Examinations: Midsummer and Christmas, by H.M. Inspector. Vacations, 9 weeks. Head Master, John Jennings, B.A. (London), 1 resident and 3 non-resident assistant Masters.

DURHAM, OLD ELVET SCHOOL. Instruction in thorough English, Latin, Greek, French, German, and Physical Science, to 25 day-scholars and 10 boarders. Pupils are also prepared for the Durham University Locals. Principal, James Hall, with 1 resident, and 3 visiting Masters.

† DURSLEY (*Gloucestershire*), AGRICULTURAL AND COMMERCIAL GRAMMAR SCHOOL. Founded in 1844. The course of instruction comprises the following subjects: the Holy Scriptures, English, Arithmetic and Book-keeping, Mensuration and Land-Surveying. Algebra and Euclid, Practical Mechanics, Physical Science, Agricultural Chemistry, Latin, Greek, and French, Terms: from 26 to 28 guineas per annum, for boarders. Vacations, 11 weeks. Head Master, W. P. Want, with 3 resident and 4 non-resident assistant Masters.

## E.

EALING (*Middlesex*). See LONDON, W.

EARDISLAND (*Herefordshire*), GRAMMAR SCHOOL. Founded 1607, by W. Whittington. Endowment, 55*l.* per annum. Is now an Elementary English School.

† EARL'S COLNE (*Essex*), FREE GRAMMAR SCHOOL. Founded 1519, by the Rev. Christopher Swallow. Endowment, 200*l.* per annum. Instruction in Classics, Mathematics, and English course, to 42 boys, all on Foundation. Head Master, vacant, in prospect of a new scheme.

EASINGWOLD (*Yorkshire*), ENDOWED SCHOOL (3rd Grade). Founded 1781, by Eleanor Westermann. Endowment, 75*l.* per annum. The school is at present in a transition state. Head Master, Rev. J. W. Williamson.

EASTBOURNE (*Sussex*), EASTBOURNE COLLEGE. Founded 1867. In this high-class educational establishment there are three departments, the Upper, Middle, and the Lower School. In the former the work consists of the usual preparation for the Universities; in the latter a general education is given, and boys are prepared for the Military and Civil Service Examinations. Prominence is given in this department to Natural Science, French, German, Mathematics, etc. There are 120 boys in the school. Admission by nomination on application to the Secretary. There are 2 Scholarships of 30*l.* and 25*l.*, tenable in the College for 3 years, also 2 Exhibitions of 40*l.*, tenable for 2 years, at either Oxford or Cambridge. The tuition fees are, for boys nominated by a Shareholder, 24 guineas, for boys nominated by the Council, 30 guineas per annum; the boarding fees, which are in addition to the tuition fees, are, boys under 16 years of age 60 guineas, boys 16 years and over, 70 guineas per annum. Boarders are taken by the Head Master at the School House, by the Rev. G. R. Green, M.A., and by Rev. T. J. Dymes, M.A. The Head Master is the Rev. Thompson Podmore, M.A. (First-Classman in Classics), late Fellow of S. John's College, Oxford, and 8 assistant Masters. Secretary, T. Holman, Esq.

EASTBOURNE (*Sussex*), THE GRANGE, UPPERTON. Boys from 7 to 15 years of age are prepared for the Public Schools, Navy, etc. Terms: for boys under 10 years of age, 80 guineas per annum; over 10 years of age, 100 guineas per annum. A charge of 2 guineas per term is made, which includes instruction in Gymnastics and Subscriptions to Cricket, Football, Fives Court, etc., Seat in Church, Choral Class, House Library Subscription, and Stationery. Extra charge for Drawing, Instrumental

Music, or German, each 6 guineas per annum. The course of instruction includes Religious Knowledge, Classics, Mathematics, French, English History, Geography, Writing, and Drill. There are 3 weeks' holidays at Easter, 7 in the summer, and 5 at Christmas. The Grange was built in 1878, expressly for school purposes, and is situated in the healthiest part of Eastbourne. A detached sanatorium has recently been built at a convenient distance from The Grange, and is under the charge of an experienced lady, to act as Matron, in case of illness. A large play-room has also been added as a covered playground in bad weather. Principals, Frederick Hollins, M.A., formerly Scholar of Emmanuel College, Cambridge, and late Assistant-Master of Cheam School, and the Rev. Frank Wynyard Wright, B.A., St. John's College, Oxford, late Rector of Hedsor, Bucks, with the assistance of other Masters. See also Index to Appendix A.

**EASTBOURNE, MILVERTON.** The sons of gentlemen prepared for Eton, Harrow, and other public schools. The school course comprises instruction in Classics, Mathematics, French, English Geography, and History. The inclusive fee is 100 guineas per annum. Scholarships and Exhibitions have been gained at various public schools. Principal, Rev. J. H. Cross, M.A.

**EASTBOURNE, GLENDALE, CARLISLE ROAD.** The pupils are prepared in this School for the Public Schools, and for the large Colleges and Day Schools in London, etc. The Principal takes the highest work himself, and the junior classes are conducted by Governesses, under his supervision. The year is divided into 3 terms. The terms are inclusive, and cover all charges for instruction in every branch of a sound English education, with Latin, Greek, French, Drawing, and Singing. For pupils under 10 years of age, 48 guineas per annum; from 10 to 12 years of age, 52 guineas per annum; above that age, 60 guineas per annum. German, Music, and Dancing on the usual terms. Principal, James Dentry, F.R.G.S.

**EASTBOURNE, INGOLDESTHORPE.** Founded 1867. This school is intended to prepare boys under fifteen years of age, and the course of study is designed to prepare them to enter either the Classical or the Modern side of any Public School. French, German, and Drawing form part of the regular work, as well as the ordinary Classical and Mathematical subjects. The holidays are seven weeks in summer (beginning about the end of July), five weeks at Christmas, and three weeks at Easter. Terms: 100 guineas a year. Head Master, the Rev. R. V. Faithfull Davies, M.A., F.R.G.S., Corpus Christi College, Cambridge; assisted by resident and non-resident Masters.

\* **EASTBOURNE, CLIFTON HOUSE SCHOOL.** Established 1836. The course of education is such as to qualify the pupil on his leaving school for entrance upon Mercantile life, or for the pursuit of Professional studies. It includes the English, French, German, Latin, and Greek Languages, Mathematics, Natural Science, Drawing, Vocal and Instrumental Music. 120 certificates have been obtained by the pupils at the University Locals up to 1881, 20 in honours. This school took the Worcester College Scholarship, for Mathematics, offered to candidates at the Local Examinations (Oxford), in 1876. The terms for day-pupils



are 16 guineas; boarders, 50 guineas per annum. There are 90 pupils, 20 being day-scholars. Vacations, 13 weeks. The Cambridge Syndicate examines the whole school annually. Five exhibitions value 10*l.* per annum are offered to the sons of clergymen. Principal, Rev. Edward E. Crake, M.A., Trinity College, Dublin, and 4 resident Masters.

**EASTBOURNE, SEA HOUSE SCHOOL.** 50 boarders are received in the new buildings at Upperton, and the course of instruction comprises Scripture History, the English Language and Literature, Arithmetic, Algebra, Mathematics, and Natural Philosophy, the Greek, Latin, French, and German Languages, etc. Terms (inclusive): for boarders, 40 to 45 guineas per annum each. The school year is divided into 3 terms, commencing in January, May, and September. Principal, W. Esam, with resident assistant Masters.

\* **EASTBOURNE, NEW COLLEGE.** Established 1871. About 150 boarders are prepared for the Universities, or for Commercial life. The course of instruction includes Latin, Greek, French, German. Fees: for tuition, from 21 to 24 guineas per annum; for board, from 60 to 63 guineas. Bathing through the winter months in a large tepid swimming bath (sea water). Vacations, 13 weeks. This school has been highly successful at the Oxford and Cambridge Local Examinations, and at the December examination in 1880 it was especially distinguished in the first, second, third, and fourth classes, 42 pupils having passed, being a greater number than from any other competing school in the Kingdom. Head Master, F. Schreiner, B.A., London, and 6 assistant Masters.

**EASTBOURNE, S. ANDREW'S SCHOOL, THE MEADS, HIGH CLASS PREPARATORY SCHOOL.** Boys are thoroughly grounded in Classics, Mathematics, Modern Languages, etc., with a view to the examinations at the Public Schools, or for special training in preparation for the Universities Army, Civil Service, Professions, or Business. The holidays are—four weeks at Christmas, three at Easter, and seven in the Summer. The house is conveniently situated close to the Downs, by which it is sheltered, and within about five minutes' walk from the sea. Terms: for boys under 12 years of age, 80 guineas, for boys over 12 and under 15, 100 guineas, for boys over 15, 130 guineas a year. Drawing, Drilling, and Music, if required, are charged for as extras. Principal, the Rev. Francis A. Souper, M.A., Mathematical Exhibitioner of St. John's College, Cambridge; Classical Honours.

**EASTBOURNE, HARCOURT HALL, GRANVILLE ROAD, HIGH CLASS PREPARATORY SCHOOL.** Boys are carefully prepared for the Public Schools, Navy, Law Preliminary and other Examinations. The course of education comprises all English subjects, Mathematics, French and German, Latin and Greek; the standard of proficiency aimed at being that fixed for the Scholarship Examinations at the leading Public Schools. The Church teaching is in accordance with moderate Church of England views. The charges for residence and tuition are, for boarders, if received under 13 years of age, 105*l.* per annum; if received over 13 years of age, 120*l.* per annum; for daily pupils, 30*l.* to 36*l.* per annum. There are 3 terms in each year, the holidays consisting of a month at Christmas, 3 weeks at Easter, and 7 weeks in the latter part of the summer. Principal, Rev. W. H. A. Emra, M.A., Marl-



borough College; Open Classical Scholar of Exeter College, Oxford, in Classical Honours; late Head Master of the Salisbury School, assisted by resident and visiting Masters.

**EASTBOURNE, SOUTH LYNN, HARTFIELD SQUARE.** Pupils prepared for the Universities and Army. Terms: For pupils under 17, 150 guineas, above 17, 180 guineas per annum. Principal, the Rev. H. Von E. Scott, B.A., Scholar of St. Catharine's College, Cambridge.

**EASTBOURNE, BETCHWORTH HOUSE SCHOOL, HYDE GARDENS.** Instruction is given to a limited number of pupils in every branch of a sound Commercial education, and they are prepared for the Cambridge Local and College of Preceptors' Examinations. Terms, for boarders, 35*l.* per annum, quarterly, besides extras. A Preparatory Class for little boys. Principal, G. W. Molineux, F.S.Sc., London.

**EASTBOURNE, WINCHESTER HOUSE, SPENCER ROAD.** Boys under 12 are received in order to give them a good elementary education preparatory to their proceeding to other schools. Terms, 80 guineas a year, Music, Drawing, and Dancing being extras. There are three terms in the year, the holidays corresponding with the Public Schools. Principal, Mrs. Richards.

**EASTBOURNE, CRANWORTH HOUSE, UPPERTON GARDENS.** Pupils prepared for Woolwich, the Army, Cooper's Hill, and the Universities, at terms of 150 guineas per annum. Principal, J. Winder, B.A.

**EASTBOURNE, THE GRANGE.** Boys between the ages of 7 and 15 prepared for the Public Schools. The course of instruction includes Classics, Mathematics, French, English, and Drill. Terms: for boarders, 100 guineas per annum; boys under 10 years of age, 80 guineas. Principals, Frederick Hollins, M.A., Cambridge, the Rev. Frank Wynyard Wright, B.A., Oxford; with the assistance of other Masters.

**EASTBOURNE, ASHAMPTEAD.** A limited number of pupils prepared for the Public Schools. Terms, 100 guineas per annum. They are carefully grounded in English, French, Mathematics, and the usual Elementary Classical Work. Principal, Rev. J. H. Palmer, M.A., Oxon.

**EASTBOURNE, PREPARATORY SCHOOL, WOODHOLME.** A limited number of pupils prepared for the Public Schools. Terms, 50*l.* to 60*l.* per annum. Principals, the Misses Steventon and Eddes.

**EASTBOURNE, S. SAVIOUR'S CHOIR SCHOOL.** A liberal education, board, and residence, to the sons of gentlemen, between the ages of 8 and 10. A fair voice and ear for music indispensable. They will be required to sing on Sundays and at some week-day services in the church. Terms, 20*l.* per annum. Short holidays. Principal, Rev. H. R. Whelpton.

**EASTBOURNE, PREPARATORY SCHOOL, CORNFIELD ROAD.** Board and instruction in English and French, the rudiments of Latin, Greek, and all things requisite to lay a good foundation for a liberal education. Terms: 60 guineas per annum; day-boarders, 25 guineas per annum. Principal, Miss Ogle.

† **EASTBOURNE, THE GROVE PREPARATORY SCHOOL.** A limited number of boys, from 4 to 11 years of age, boarded and instructed in the

usual branches of an English education. Terms, including Latin and French, 50 guineas per annum. Principal, Miss Shoosmith.

EASTBOURNE, HILL SIDE, ENYS ROAD, UPPERTON. Educational Home for boys under 12 years of age, in which the sons of gentlemen are thoroughly prepared for Public Schools and Colleges. Terms for boarders, 55 guineas per annum. Special arrangements for parents residing abroad. Principal, Miss P. C. Ackermann.

EASTBOURNE, CLASSICAL AND COMMERCIAL BOARDING SCHOOL, "EVERTON HOUSE," COMPTON STREET. The aim and object of the Principal of this establishment is to confer a sound education, as preparatory either to business or to professional life, on Christian principles. Pupils specially prepared for the Cambridge Local or the College of Preceptors' Examinations. The Scholastic Year is divided into 3 terms, commencing January, May, and September. Fees: from 35 to 50 guineas per annum, according to age and requirements. Principal, Rev. J. Turner, and resident assistant Masters.

EAST BRIDGFORD. See BRIDGFORD, EAST.

† EAST DEREHAM, NORWICH ROAD SCHOOL. Sound instruction in English, French, Greek, Latin, German, Drawing, etc., to boarders and day-scholars. Annual terms: boarders, from 20 to 28 guineas each; day-boys, 12 guineas each. Principal, W. Aldis, with assistant Masters.

EAST DEREHAM, ST. NICHOLAS' HOUSE SCHOOL. At this school it is intended to provide a sound and thorough education, so as to prepare boys for a Mercantile, Professional, or Public-School life. Terms: boarders 30*l.* to 40*l.* per annum each; day-pupils, about 6 guineas each. The school year of 40 weeks is divided into 4 quarters. Principal, W. Edwards, with assistant Masters.

EAST KESWICK (*Yorks*), COMMERCIAL AND COLLEGIATE SCHOOL. Established 1813. The course of study is well calculated either to meet the requirements of Commercial and Agricultural pursuits, or to furnish the necessary qualifications for a successful professional career. Terms: from 34 to 50 guineas per annum, according to age. Principal, J. Lawrence, with 6 assistant Masters.

EAST HARDWICK. See HARDWICK.

† EAST GRINSTEAD (*Sussex*), FREE GRAMMAR SCHOOL. Founded 1708, by Robert Payne. Endowment, 41*l.* per annum. Education for 25 Foundationers, and 10 others, in elementary English. Head Master, Charles Richard Duplex.

† EAST MALLING (*Kent*), FREE SCHOOL. Founded 1781, by the Rev. Ed. Holme. Endowment, 111*l.* per annum. Instruction in elementary English course to 48 scholars, all free. Head Master, vacant.

† \* EAST RETFORD (*Notts*), ROYAL GRAMMAR SCHOOL. Founded 1552, by Edward VI. Endowment, 400*l.* per annum. Instruction in Classics, Mathematics, Science, and French and German. Terms: for boarders with tuition, 40 to 50 guineas per annum. Examinations annually by Graduates, appointed by Trustees. Vacations, 12 weeks. Head Master, the Rev. O. C. Cockrem, M.A., and 2 assistant Masters.

EAST HARPTREE (*Somerset*), SUMMERLEAZE, COLLEGIATE SCHOOL, near BRISTOL. Established 1859. The course of instruction embraces all the subjects generally taught in an English education, together with Greek, Latin, French, German, Mathematics, Chemistry, Natural Philosophy, Mapping, Drawing, Land-Surveying, and Book-keeping. Terms : for boarders (about 30), from 20 to 24 guineas per annum. Vacations, 9 weeks. Principal, F. C. Taylor, with 1 resident assistant Master.

EASTWICK, HARLOW (*Essex*), THE RECTORY. A limited number of pupils prepared for the Public Schools (entrance and Scholarships), the Navy, and other Professions. Terms, 70 guineas per annum. Principal, the Rev. J. R. Pursell, M.A., S. John's College, Oxford; and for 8 years Head Master of Rossal Preparatory.

EATON SOCON, THE SCHOOL, ST. NEOTS, HUNTS. At this school, established in 1820, the object aimed at is to impart a thoroughly sound and practical education; and the course of Instruction pursued is calculated to efficiently prepare boys for the active duties of Professional, Agricultural, or Commercial life. Terms: for boarders 30 to 36 guineas per annum. Principal, John Adams, and a staff of resident Masters.

¶ ECCLESHALL (*Staffordshire*), THE GRAMMAR SCHOOL. Pupils are carefully prepared for Commercial pursuits, and for the Preliminary Medical, Pharmaceutical, and other Examinations. Terms: from 25 to 30 guineas per annum. Principal, John Hargraves.

ECCLESHALL, HOLLY HOUSE SCHOOL. Established 1856. The education is Classical and Commercial, and includes Latin, Greek and French. Terms: for boarders (about 29), from 20*l.* to 30*l.* per annum; day-pupils, 4 guineas per annum. Vacations, 12 weeks. A technical education will be given when removed to new buildings in course of erection. Principal, J. Bernard, with 2 resident assistant Masters.

\* ECCLES (*Lancashire*), CLARENDON ROAD SCHOOL. Pupils are prepared for the Universities, Public Schools, Professional, and Commercial pursuits. There is a Preparatory School for very little boys, under the superintendence of a lady. Fees: for boarders, 64 guineas per annum; day-pupils, 4 to 5 guineas per annum. Head Master, J. T. Clegg, B.A. (London), and 8 assistant Masters.

¶ \* ECCLES, near MANCHESTER, THE GRAMMAR SCHOOL, WELLINGTON ROAD. Established 1873. Preparation for Professional, Scientific, and Commercial pursuits. The course of instruction embraces English, Latin, French, German, and Elementary Science. Pupils are sent up to the University Local and College of Preceptors Examinations. Vacations, 12 weeks. Head Master, John Walmsley, B.A. (London), and 7 non-resident assistant Masters.

ECCLESTON, PARISH OF PRESCOT (*Lancashire*), FREE GRAMMAR SCHOOL. Founded in 1597, by R. Kenwick. Endowment, 38*l.* per annum. The instruction is quite elementary.

EDGBASTON. See BIRMINGHAM.

EDINBURGH, ROYAL HIGH SCHOOL OF EDINBURGH. The date of foundation is unknown, but it appears to have existed in the beginning

of the 12th century. The school is intended to give a thoroughly sound liberal education, and no essential branch of culture has been neglected. The curriculum has been carefully considered. A complete Classical and a complete Modern education is given. Those who intend to proceed to the Universities make Greek, Latin, English, and pure Mathematics the main subjects of study, and French and German. Those, on the other hand, intended for entering on Commercial and Scientific pursuits will be carefully drilled in Arithmetic and applied Mathematics, in English Composition, in Geography and History, and in French, German, Natural Sciences, and Drawing. Pupils are prepared for the University, for the Artillery, and Engineer Competitions, and for the Indian Civil Service Examination. The curriculum extends over a period of 6 years. The first 3 years to be taken by all pupils of the junior division. From the beginning of the fourth session, the School divides into a Classical and a Commercial side. In addition to the book prizes awarded for eminence in the various branches of study, the following special honours are competed for: 1 Sibbald Bursary of 20*l.*, for 4 years; Mc'Gregor gold medal. City gold medal; Macmillan Club gold medal; Tullis gold medal; High School club prize; Carzon medal; Medal; Cousin medal; India prize, founded by Dr. George Smith; Dr. Boyd's fifth class club prize; Carmichael club prize; Donaldson club prize; Ritchie medal; Boyd prize; Bryce club medal; Macdonald medal; Livingstone prize. The fees are very moderate. Rector, John Marshall, LL.D., and 19 assistant Masters and Professors.

EDINBURGH, EDINBURGH ACADEMY. Incorporated by Royal Charter, 5th George IV. The Academy is a day-school having for its object to afford a good Classical and general education for boys from 8 or 10, to 16 or 17 years of age. The regular curriculum is a 7 years' course of study, but boys are admitted for any portion of that time. After a certain stage the school is divided into 2 departments. One of these, "the Classical School," is adapted for those boys who are destined for the learned professions, or for whom, on other grounds, a thorough training in the ancient languages is required. The other, "*the Modern School*," is intended for those who are to enter into the Civil or Military Service, Engineering, or upon Mercantile pursuits, where high Classical attainments are not necessary. The fees range from 13*l.* to 19*l.* per annum. Some of the Masters receive boarders. Rector, Thomas Harvey, M.A., LL.D., of Balliol College, Oxon, with 11 assistant Masters and Professors.

EDINBURGH, THE EDINBURGH COLLEGIATE SCHOOL. Founded in 1867, as a high-class school for general education. The school consists of 2 great divisions: 1. The Lower, or Junior School; 2. The Upper, or Senior School. The Lower, or Junior School, consists of 2 departments: 1. The Classical Department; 2. The Commercial Department. The Upper, or Senior School, is sub-divided into 2 departments: 1. The College Department; 2. The Professional and Commercial Department. Special private classes to prepare pupils for Cambridge and other Universities, for the Indian Civil Service Competitions, for entrance into Woolwich and Sandhurst, and for the Medical Preliminary Examinations in the University of Edinburgh. Annual fees: for day-boys, from 14*l.* to 21*l.* Special attention is paid to the study of English



and of Modern Languages generally. The Rector receives a limited number of boarders in his private residence. Rector, Archd. Hamilton, Bryce, LL.D., D.C.L., F.R.S.E., with 21 assistant Masters.

† EDINBURGH INSTITUTION, 8, QUEEN STREET. Established 1832. Head Masters, Robert M. Ferguson, Ph.D., and George Bickerton, and 13 assistant Masters.

EDINBURGH, MERCHANT COMPANY'S SCHOOLS. These important educational institutions are 5 in number, viz., 2 for boys, 2 for girls, and James Gillespie's Schools for both boys and girls. Attached to these schools are 150 School Bursaries, each of which respectively amounts in value to the cost of the successful competitor's Tuition Fees at the Schools who are taking the ordinary course of instruction. Foundationers are not entitled to compete, with the exception of those who gained their places by competitive examination. These Bursaries are distributed in proportion to the number of pupils attending each school. There are also 2 College Bursaries of 25*l.* a year, tenable for 4 years, open to pupils who have attended George Watson's College for Boys, or Daniel Stewart's College, during the year immediately preceding the competition, and who have been in attendance therein for 2 years, and who are under 17 years of age. The successful competitors must study at the University of Edinburgh. There are also Bursaries for the educational advancement of girls, 1 being a Bursary of 25*l.* a year, tenable for 4 years, open to competition to pupils of the Edinburgh Ladies' College, who have attended and taken the ordinary course of instruction. The Master of the Merchant Company is Sir James Falshaw, Bart., F.R.S.E., 14, Belgrave Crescent, Edinburgh.

EDINBURGH, 1ST, MERCHANT COMPANY'S SCHOOLS; GEORGE WATSON'S COLLEGE FOR BOYS, ARCHIBALD PLACE. This institution provides boys with a liberal education, qualifying them for Commercial or Professional life, the Civil Service, the Universities, etc. Nearly 1,500 pupils are in attendance. The course of study includes the English, Latin, Greek, French, and German Languages, Arithmetic, Mathematics, Drawing, Vocal Music, Botany, Natural History, Natural Philosophy, Chemistry, Drill, Gymnastics, and Fencing. There are 3 departments in the school—an Elementary, a Junior, and a Senior—each of which is divided into classes. There is a Classical and a Modern, or Commercial side. The fees range from 3 to 8 guineas per annum. Head Master, George Ogilvie, M.A., LL.D., and a staff of 50 assistant Masters.

EDINBURGH, 2ND, DANIEL STEWART'S INSTITUTION (*The Dean*). Established 1855. Endowment, about 5,000*l.* The institution provides boys with a liberal education, qualifying them for Commercial or Professional life, the Civil Service, the Universities, etc.; and the course of study includes the English, Latin, Greek, French, and German Languages, Algebra, Mathematics, Drawing, Vocal Music, Botany, Natural History, Natural Philosophy, Chemistry, Drill, Gymnastics, and Fencing. There are 3 departments in the institution—an Elementary, a Junior, and a Senior—each of which is divided into classes. There is a Classical and a Modern, or Commercial side, and instruction in Technical Science is given to such pupils as desire it. The fees range from 3 to 8 guineas



per annum. There are numerous Bursaries, etc. Head Master, W. King, M.A., and a large staff of assistant Masters.

EDINBURGH, 3RD, JAMES GILLESPIE'S SCHOOLS. Established as primary schools, and provide children of both sexes with a superior education. The course of instruction includes English in all its branches, Arithmetic, Algebra, Geometry, Animal Physiology, Physical Geography, Freehand and Mechanical Drawing, Vocal Music, and Drill; the girls are also taught Sewing, Knitting, Cutting-out, the Sewing Machine, and Domestic Economy. There are 3 departments in the schools—an Elementary, a Junior, and a Senior—each of which is divided into classes. The fees in the Elementary Department are from 1*l.* to 1*l.* 5*s.* per annum; in the Junior Department, from 1*l.* 5*s.* to 1*l.* 10*s.* per annum; in the Senior Department, from 1*l.* 15*s.* to 2*l.* per annum. Head Master, W. W. Dunlop, M.A., and a staff of assistant Masters.

EDINBURGH, (*near*) THE FETTES COLLEGE, COMELY BANK. The College is designed to provide boys with a liberal education of the highest class, qualifying them for the Scotch and English Universities, and for Professional life. 50 boys receive the education of the School on the Foundation. Fees for non-foundations: entrance fee, 10 guineas; annual charge, tuition (including Classics, Mathematics, Modern Languages, Natural Science, Singing, Drawing, and Gymnastics), 30*l.* per annum; boarding-house charge, 75*l.* Day-scholars may attend the college. All boys before admission will be required to pass an Examination, and no boy is admitted before 10 years of age or after 15. Scholarships: A sum of 320*l.* will be apportioned in Scholarships, open to public competition in July. Scholarships will vary in value from 60*l.* to 20*l.*, and be tenable during residence at the College. For particulars apply to the Head Master. The Examination will be open to all boys between 11 and 14 years of age, who will be examined in English Grammar and Composition, Arithmetic, Latin Grammar, Construing, and Prose Composition. Boys over 13 years of age will also be examined in Greek and French. An Anderson Exhibition, of the annual value of 100*l.*, and tenable for 4 years, has been founded, with the view of sending boys, after leaving Fettes College, to Oxford or Cambridge. The Trustees have founded 2 Exhibitions, of the annual value of 70*l.* each, with the same object and conditions as the Anderson Exhibition. There are annually offered for competition 2 Exhibitions to the University of Edinburgh, of the annual value of 60*l.* each. The holidays consist of 14 weeks during the year. Head Master, A. W. Potts, M.A., late Fellow of S. John's College, Cambridge, and 8 resident and 4 non-resident Masters.

† EDINBURGH, MERCHISTON CASTLE SCHOOL. The education imparted is of a high class, and includes Classics, Mathematics, and English subjects. The terms are in proportion to the instruction given. Principal, J. J. Rogerson, LL.B.

The author has failed in obtaining full particulars of this school.

EDINBURGH, CRAIGMOUNT SCHOOL. Instruction is given in Classics, Mathematics, and General English. Principal, James Sime.

The author has failed in obtaining fuller information respecting this school.

**EDINBURGH, MORNINGSIDE COLLEGE.** This College is founded to provide a Classical, Mathematical, and general education of the highest order, on terms as moderate as are consistent with thorough efficiency in every department. The course of instruction is intended to be of such a nature that Pupils shall be enabled to pass direct from the College to the Universities, or into the Indian or Home Civil Service, or the Military or Engineering Colleges, thus avoiding the extra expense and loss of time arising from the necessity for subsequent private coaching. The College is divided into three departments—Classical, Modern, and Preparatory. The teaching of Technology for Senior Pupils, while forming a feature in the College, will be carried on as a Special Branch. There will be each year a certain number of House Scholarships offered for Public Competition, of the value of 20*l.*, tenable from year to year for 3 years. The expenses of Pupils holding such scholarships will thus be reduced to about 60*l.* per annum. Fees: an entrance or Matriculation fee of 2 guineas is payable by all Pupils. Holders of 10 shares in the Company are entitled to a nomination exempting from the Matriculation Fee. The fees for tuition, per Session, are:—In the Preparatory Department, 15 guineas; in the junior divisions of the Classical or Modern Department, 20 guineas; and in the senior divisions, 25 guineas per annum. The fee for residents is 56 guineas, in addition to the tuition fee, which includes all charges excepting school books, music, piano, and drawing. Principal, D. Fearon Ranking, M.A., S.C.L. Oxford, LL.B. Dublin. Vice-principal and Mathematical Master, A. H. Anglin, B.A. Cambridge, LL.B. Dublin.

**EDINBURGH, CARGILFIELD.** A high-class preparatory school for boys from 7 to 12 years of age, who are prepared for Eton, Harrow, and other Public Schools, and especially for Fettes College, Trinity College, Glenalmond, and Loretto School. The year is divided into 3 terms. The holidays consist of the months of August and September, and of shorter holidays at Christmas and about the middle of April. The terms for board and education are high, but only in proportion to the nature and extent of the instruction and the excellence of the teaching. Principal, Rev. C. Darnell, M.A., with a staff of assistant Masters.

**EDINBURGH, DR. BELL'S SCHOOLS.** Founded in the 19th century. Endowment, 10,000*l.* 700 pupils from earliest ages up to 16 are educated, some at nominal fees, the rest at 25*s.* per annum, at the following schools:—50, Niddry Street; Head Master, W. T. Williams. 101, Great Junet Street; Head Master, D. K. Coutts. South Fore Street; Head Master, D. Forbes. Greenside; Head Master, A. Beveridge.

**EDINBURGH, CIRCUS PLACE SCHOOL.** This school was opened on the 3rd of January, 1826, having been established by eminent educationists of that day, to provide a thorough elementary education for the children of the higher classes. "To institute a school for teaching English, Writing, Arithmetic, Geography, etc.; to initiate the young persons attending it into a free and vigorous exercise of their understanding on everything that they might be called on to read or to perform; to impart to them as much substantial information as possible on all the subjects that were level to their capacity; to form in them habits of diligent application, as well as to cherish in them the love of knowledge; and to

instil into their minds, both by separate lessons, and through the medium of their ordinary exercises, the genuine principles of Christianity and moral virtue." In addition to the ordinary English branches, the course now embraces Latin or French, and extends over a period of 5 years. The communication of useful and interesting knowledge, especially in connection with such branches as Geography and History, forms an important feature in the teaching of all the classes, and every means is employed to stimulate the youthful mind to its acquisition. There is in connection with the school a large and well-selected Library, to which the pupils have access. The fees for tuition range from 4 to 8 guineas per annum. Rectors, Thomas M'Lachlan and W. M. Begbie, with a staff of assistant Masters.

**EDINBURGH, UPPER SCHOOL.** Founded in 1864, to afford the sons of gentlemen a thoroughly liberal education, preparatory either for the University, the Civil and Military Examinations, or for Commercial pursuits. The course, which is generally commenced at the age of 11 or 12, extends over a period of 5 or 6 years. Courses of lectures on Chemistry, Botany, Zoology, Physiology, and Natural Philosophy. Special courses of study for young men preparing for the Civil or Military Government Examinations, for Commercial or Engineering pursuits, or for the learned Professions. Certificates of merit are granted to the Senior Pupils who answer above 75 per cent. of the questions proposed in the Quarterly Examinations. The fees for tuition range from 2*l.* 14*s.* 6*d.* to 4*l.* 10*s.* per annum. Rectors, James McLachlan and W. M. Begbie, and 12 assistant Masters.

**EDINBURGH, FOREIGN LANGUAGE INSTITUTE, 24, CHARLOTTE SQUARE.** Instruction in French, German, Italian, Spanish, Piano, Singing, Drawing, and Painting. Director, Pacros de Martin, B.A., with assistant Masters.

**EDINBURGH, GEORGE HERIOT'S HOSPITAL.** Founded 1628. Endowment, 20,000*l.* per annum. Instruction in Classics, Mathematics, French, German, and English course, to 180 boys, all free, who, being sons of Edinburgh Burgesses, are admitted from 7 to 16 years old, preference being given to fatherless boys. Has an unlimited number of Bursaries, of 30*l.* per annum, tenable 4 years at Edinburgh University. Vacations, about 8 weeks. Fred. W. Bedford, LL.D., D.C.L., Head Master, and 10 assistant Masters.

**EDINBURGH, JOHN WATSON'S INSTITUTION, DEAN.** In the year 1759, John Watson, Writer to the Signet, bequeathed the residue of his estate to certain Trustees, by them to be applied "to such pious and charitable uses within the city of Edinburgh as they shall think proper." In the year 1822 an Act of Parliament was obtained, empowering the Trustees to establish and endow "an hospital for the maintenance and education therein of destitute children, and bringing them up to be useful members of society; and also for assisting in their outset in life such of them as may be thought to deserve and require such aid." The edifice, which was designed by Mr. William Burn, was founded in 1825, and completed in 1828. About 100 children are maintained in it, who must be fatherless, and of the better classes, such as Clergymen, Officers in the Army and Navy, Legal or Medical Practitioners, and such like; and

when admitted they must have completed the 7th year of their age, and be under the age of 9. They are not retained after the age of 14. They are instructed in English, Latin, French, Mathematics, Drawing, Vocal and Instrumental Music, Drawing, Drill, etc. The establishment is under the management of 15 directors,—the Keeper and Deputy-keeper of the Signet, the Treasurer of the Institution, and 12 Commissioners of the Writers to the Signet. The fund, which in 1781 amounted to less than 5,000*l.*, has been largely increased by the care and attention of the Trustees. Head Master, George Rowe, B.A., and 10 assistant Masters.

EDINBURGH, S. JAMES'S SCHOOL, BROUGHTON STREET. Founded 1820, by Lieut.-Col. Scott. Endowment, 450*l.* The course of instruction embraces English, Arithmetic, Latin, French, Book-keeping, Elementary Mathematics, Physical Science, Drawing, and Music. Monthly Examinations are held, and Prizes distributed annually. There are two Science and Art Scholarships allowed by the Trustees, each of the annual value of 15*l.*, and tenable for three years. Pupils intending to enter the University of Edinburgh are specially prepared for the entrance Examination in the faculties of Arts and Medicine. The average number of pupils is 400. Fees: 1*l.* to 2*l.* per annum for ordinary course; special courses extra. Vacations, 11 weeks altogether. Head Master, James Overend, M.A., 10 assistant Masters, all non-resident.

EDINBURGH, 13, FORTH STREET. Instruction is given in general English subjects. The fees for instruction range from 4 to 8 guineas per annum. Boarders are received by the Head Master, at fees ranging from 50 to 70 guineas per annum. Head Master, Daniel Crerar, with assistant Masters.

EDINBURGH, PICARDY PLACE SCHOOL, 14, PICARDY PLACE. Established 1858. Instruction is given in English, French, German, Latin, Mathematics, Drawing, Science, Botany, Natural Philosophy, Zoology. The average fee for tuition is 12 guineas per annum. Vacations, 14 weeks in the year. Principal, Philip B. Gibb, with 16 assistant Masters.

EDINBURGH, S. JAMES'S SCHOOL, JUNCTION ST., LEITH. The course of instruction embraces all the requirements of the Education Act, (Scotland), and the branches of a sound Commercial education. For the Drawing Department of Science and Art, South Kensington, the fees are extremely moderate, and range from 12*s.* to 20*s.* per annum. Head Master, W. F. Walker.

EDINBURGH, 12, RUTLAND SQUARE. The course of education for the boys comprises the Classics, French, German, and Mathematics, with accurate instruction in Science, and every part of an English education. Terms: for day-scholars, payable in quarterly instalments, 40*l.* for boys above 12, and 30*l.* for those below that age; for board and education, under 8 years of age, 60*l.* per annum; under 10 years of age, 70*l.* per annum; under 12 years of age, 80*l.* per annum; under 14 years of age, 90*l.* per annum; under 16 years of age 100*l.* per annum. above 16 years of age, 120*l.* per annum. Principal, R. Thomson, F.E.I.S., with assistant Masters.

EDINBURGH, 20, YORK PLACE. Established 1850. Instruction is



given in English, French, German, Music, Physical Geography, Geology, Botany. The fees for tuition range from 4 guineas upwards per annum. Vacations, 11 weeks in the year. Principal, J. Hunter, and 8 assistant Masters.

EDINBURGH, 7, ARCHIBALD PLACE. Candidates prepared for the Preliminary Pharmaceutical, Medical, Military and Civil Service Examinations. Nearly 300 pupils have successfully passed these examinations. The Principal also receives into his house, as boarders, a limited number of youths attending the Public Schools, whose studies he undertakes to superintend. Principal, the Rev. W. Skae, M.A.

EDINBURGH, 36, INDIA STREET. Pupils received as boarders, who can either attend this school or any other Institution of the town. Principal, A. Henderson.

EDINBURGH, GOVERNMENT SCHOOL OF NAVIGATION, LEITH. Instruction in all branches of scientific nautical education, specially for officers of the Mercantile Marine Service. Head Master, J. Bolam.

\* † EDMONTON, EDMONTON HOUSE SCHOOL. Preparation for University Local Examinations, and general instruction, to boarders and day-scholars. Principal, H. N. Solomon, with assistant Masters.

\* † EDMONTON, LATYMER'S SCHOOL. Founded 1624. Endowment, 580*l.* per annum. 180 Scholars (of whom 20 are free) are instructed in Classics, Mathematics, French, German, Science, worked by a scheme from the Court of Chancery. School fees: parishioners, 7*l.* 10*s.* per annum; non-parishioners, 11*l.* 10*s.* per annum. Free scholars are admitted by competition. 3 scholarships. The pupils are examined annually by Syndicate of Cambridge. Vacations, 10 weeks in the year. Head Master, the Rev. C. V. Dolb , M.A., LL.B., Clare College, Cambridge, and 5 assistant Masters.

\* EGREMONT, near BIRKENHEAD (*Cheshire*), ACADEMY. Established 1857. The education is Classical and Commercial, with special attention to Modern Languages. Average number of pupils, 50. Terms: from 6 to 8 guineas for tuition. Vacations, 12 weeks per annum, viz., 3 at Christmas, 2 at Easter, and rest at Midsummer. Principal, James McWilkie (Member of General Council of Glasgow University), and 5 visiting Masters.

ELGIN (*Scotland*), ELGIN ACADEMY. Head Master, John Mitchell.

ELY, NEEDHAMS SCHOOL. Accommodation for 100 boys, 40 on the foundation. Fees, 1*l.* 10*s.* per annum. Head Master, E. H. Thrower.

\* \* ELY (*Cambridge*), THE KING'S SCHOOL. Founded 1541, by Henry VIII. Endowment, 500*l.* per annum, and houses. Instruction in Classics, Mathematics, Modern Languages, Natural Science, etc., to 90 pupils, 20 of whom are day-scholars, and 70 boarders. Day-boys pay 9*l.* a year; boarders 45*l.* There are 12 foundation Scholarships, worth 8*l.* 6*s.* 8*d.* per annum, and 3 Exhibitions, value 15*l.* Examination, July, by Oxford and Cambridge Schools Examination Board. Vacations, about 13 weeks. Head Master, Rev. R. Winkfield, M.A.; Second Master, Rev. C. Bokenham, M.A., and 4 resident assistant Masters. A larger scheme is in contemplation, and now before the Charity Commissioners.



\* **ELMHAM** (*Norfolk*), THE NORFOLK COUNTY SCHOOL. The course of study is mainly regulated by the University Local Examinations. All the scholars are required to belong to the English department, which in the higher forms includes Literature and Political Economy. There are also departments for Languages, French, German, Latin, Greek, Mathematics, Science, Art, Drawing, and Music. The fees for board and education are 40 guineas per annum. H.R.H. the Prince of Wales has marked his wish to be permanently regarded as one of the founders of the school by presenting the sum of 250*l.* to commence a Prize Fund. This example is being followed, and a liberal list of prizes and Scholarships will result from this. There are now 20 opening Scholarships, decided by the results of the Cambridge Local Examinations. And there are also special prizes for English out of a fund contributed by Dr. Jex-Blake, the Head Master of Rugby, the Rev. James Lee Warner, and R. Gurdon, Esq. Head Master, the Rev. W. Watson, with assistant Masters.

**ELSTREE HILL** (*Herts*), ELSTREE SCHOOL, near HARROW. At this high-class preparatory school boys are prepared for the Public Schools, in Classics, Mathematics, and Modern Languages, and are, with the consent of their parents, trained more or less in those subjects as their bent is ascertained. Terms: 120 guineas a year for education and residence. Second Master, F. W. Hotham, B.A., Scholar of Queen's College, Oxford. Assistant Masters, Rev. J. F. Spurgin, M.A., S. Mary's Hall, Oxford, T. Taylor, B.A., S. John's College, Cambridge; Rev. E. C. Chaytor, B.A., Scholar of S. John's College, Cambridge; Rev. J. Ingham, M.A., Queen's College, Oxford; Rev. F. B. Firman, M.A., Scholar of Jesus College, Cambridge; with 5 other resident and 5 non-resident Masters' Principal, The Rev. Lancelot Sanderson, M.A., Scholar of Clare College, Cambridge, and late assistant Master at Harrow School.

**ELSTREE, HILLSIDE**. Preparation for the Public Schools to pupils of the highest class. Terms: from 75 to 90 guineas per annum. Principal, D. Munro, with competent assistant Masters.

**ELTHAM, GROVE HOUSE SCHOOL, KENT**. This is a high class school for the sons of gentlemen. There is a preparatory class for little boys. Pupils are prepared for the Public School entrance, Military and other examinations. The pupils are examined by the Syndicate of the University of Cambridge and the College of Preceptors. Course of study: Divinity, Classics, Modern Languages, English, Mathematics, Science, Drill, Drawing, &c. Fees per year: boarders 45 and 60 guineas, (preparing for Military examinations) 80 guineas. Principal: Raleigh M. Gilbert, who is assisted by efficient Masters.

**ENFIELD** (*Middlesex*), ENDOWED GRAMMAR SCHOOL (*2nd Grade*). Founded 1558. The course of instruction embraces Scripture, History, Reading, Writing, Arithmetic, Algebra, Geometry, Mensuration, and Land-Surveying; English Grammar, Composition, and Literature; History and Geography, Vocal Music, Natural Science, and French and Latin. Drawing is also taught at an extra charge of 1*l.* per annum. The fee for the foregoing course (exclusive of Latin and Drawing) is 6*l.* per annum. The holidays are 4 weeks at Christmas, 5 weeks at Midsummer, 1 week at Easter, and 1 week about Michaelmas. 70 day-boys. An Examination, conducted by Examiners appointed for that purpose

by the Governors, but otherwise unconnected with the school, is held annually before the Christmas vacation. Head Master, W. S. Ridewood, B.A., B.Sc., with assistant Masters.

**ENFIELD, THE PALACE SCHOOL.** In this establishment pupils are carefully trained for Commercial pursuits, or prepared for the Universities, the learned Professions, or Civil Service Examinations. Terms: Junior School, for pupils under 12 years of age, 36*l.* per annum; Upper School, for pupils above 12 years of age, 42*l.* per annum; Upper School, for pupils above 15 years of age, 48*l.* per annum. Principal, W. Nutter Barker, B.A. (London), F.R.A.S.

**ENNIS (co. Clare), THE COLLEGE.** Founded 1669, on the foundation of Erasmus Smith. Endowment, 200*l.* a year and premises. Preparation for the Universities, Woolwich, etc. The list of studies includes Classics, French, German, English Literature, Physical Geography, Experimental Science when required. There are 35 Exhibitions in Trinity College, Dublin, given by competition among the pupils of the 4 Grammar Schools of Erasmus Smith, at Drogheda, Ennis, Galway, and Tipperary. 10 of these range from 50*l.* to 25*l.* per annum, and are tenable for 5 years. The rest, of minor value, are tenable for 7 years. Free Chambers in Trinity College are attached to all the Exhibitions. Thus a first-class Exhibition is equal to 250*l.* and free Chambers in College. Medals in the School are awarded half-yearly by the Erasmus Smith Board, and prizes are given by the Head Master. There are 2 vacations—June 18 to August 1, and December 18 to Feb. 1, and no other vacation. Terms: single boarder, 50*l.* per annum; brothers (each), 45*l.* per annum. To induce parents to send boys as near 8 years of age as possible, the terms for boys who join before their 10th birthday will be, till 13th birthday, 40*l.* per annum; after that age, 45*l.* per annum. Medical attendance, 1*l.* per annum; day-pupils, English and Mathematical Education, 6*l.* per annum; French, Greek, and Latin, (each) 2*l.* per annum additional. This school has been *very* distinguished in Trinity College, Dublin, during the last 20 years. Head Master, the Rev. R. H. Flynn, B.A., ex-Scholar Trinity College, Dublin, and assistant Masters.

**ENNISKILLEN (Ireland), PORTORA ROYAL SCHOOL.** Founded temp. James I. Endowment, about 2,000*l.* a year. Preparation for the Universities and Public Competitive Examinations. Average number, for the last 10 years, about 100 boys, of whom about 10 are free day-pupils. Age of pupils, from 12 to 19. The Head Master names the free pupils. 11 Exhibitions in school, from 7*l.* to 25*l.*, 10 in the University, for 30*l.* and 40*l.* Examinations, Midsummer and December. Vacations, 12 weeks, 7 in summer, 5 in winter. Head Master, William Steele, D.D., 5 assistant Masters, 3 resident.

**\*\* EPSOM (Surrey), COLLEGE.** Founded 1855, in connection with the Royal Medical Benevolent College. Endowment, about 100*l.* per annum. 50 Foundation scholars and 150 resident pupils, sons of medical men, besides day-scholars, the sons of gentlemen of the neighbourhood, are regularly trained for the Universities of Oxford and Cambridge, and also for the Matriculation and the First Bachelor of Science Examinations at London. They are taught English, French, Latin, Greek, German, Arithmetic, and Mathematics, Drawing if desired, Chemistry,

Biology, and Natural Philosophy. Particular attention is paid to the teaching of Natural Science, for which there is a well-appointed Laboratory and Lecture Theatre. A statement of each boy's conduct and progress, together with a school-list in order of merit, is sent to his friends at the end of each term; a general school report is circulated after Easter term. Examinations of the boys, by Examiners appointed under the direction of the Council, take place annually, and prizes are awarded for proficiency. Two exhibitions to the Universities, of 50*l.* a year each for three years, two free medical scholarships at the Hospital schools in London, and four scholarships of 15*l.* each for one year, tenable in the school, are annually awarded. The Propert Library and Museum, a Gymnasium, a Swimming-bath, Playgrounds, and a Cricket-field are provided for the use of the pupils. Some of the most advanced have also private studies. The school year is divided into 3 terms—Hilary term, Easter term, and Michaelmas term. The ordinary resident pupils, who are the sons of medical men, pay 16*l.* a term (48*l.* a year) if under 14 years of age, and 17*l.* a term (51*l.* a year) if 14 years and upwards, for education, board, lodging, and washing, inclusive of the use of books and school materials. Resident pupils, not the sons of medical men, pay 70*l.* a year. The day-pupils pay 4*l.* a term if sons of medical men, 5*l.* a term if not sons of medical men, for education, inclusive of the use of books and school materials. They can dine in the College Hall on payment of 5*s.* a week. Head Master, the Rev. W. de Lancy West, D.D., with 17 assistant Masters. See also Medical Schools.

EPSOM PARADE, EPSOM COLLEGE PREPARATORY SCHOOL. Established 1879; 1st, as a Preparatory School for Epsom Medical Benevolent College; 2nd, as a Preparatory School for all Public Schools. Number of boarders 14, and day boys 12. Boys under 14 years of age prepared for the Public Schools. Special preparation for Epsom College. Subjects of instruction, Divinity, Latin, English, French, Greek, Arithmetic, Algebra, History, Geography, Drawing, Writing, Reading, Singing. Terms: sons of gentlemen of the medical profession, 48*l.* per annum; sons not belonging to the medical profession, 51*l.* per annum; day scholars, 12*l.* per annum. Head Master, J. Jeffery (21 years assistant at Epsom College).

EPHING (*Essex*), HILL HOUSE ACADEMY. The plan of instruction pursued in this establishment embraces the study of the following branches, viz.: English, Grammatically, Elocution, Writing, plain and ornamental, Arithmetic in all its branches, Geography, with the use of the globes. Terms: pupils under 10 years of age, 23 guineas per annum; pupils from 10 to 14 years of age, 25 guineas per annum; pupils over 14 years of age, 28 guineas per annum; day-pupils above 12 years of age, 6*l.* per annum; day-pupils under 12 years age, 4*l.* per annum. Principal, Mrs. Palmer, assisted by experienced resident Masters.

EPWORTH-BY-ROTHERHAM (*Lincolnshire*), THE GRANGE COLLEGIATE SCHOOL. Established January, 1866. The object of the school is to furnish, on moderate terms, a sound and liberal Education, English, Classical, Mathematical, and Commercial, or for entering on a University course, and for the ordinary avocations of business. The number of pupils is limited. The fees for boarders are from 25 to 30 guineas

per annum. Vacations, 10 weeks. Principals, Rev. W. M. Anderson and John K. Johnstone, Edinburgh University, formerly Mathematical Master, Edinburgh Institution.

ERDINGTON (*Warwick*), THE WOODBINES. Established 1854. The education is suited for those intended for a Commercial life. Average number of pupils, 25. The terms for boarders are 18 and 20 guineas per annum; day-pupils, 3*l.* 12*s.* and 4 guineas per annum. Vacations, 8 weeks. Principal, J. C. Guest.

\* ERDINGTON, THE ERDINGTON COLLEGE SCHOOL. Reorganised 1879. This school is divided into two departments, and the course of instruction embraces the usual English subjects, Mathematics, Latin, Greek, French, German, Music, Drawing, Chemistry; one of the distinguishing features of the school is the attention given to Science and Art subjects. The fees, for day-boys, are from 8 guineas per annum; boarders, from 36 to 45 guineas per annum. Principal, F. W. W. Howell, M.R.C.P., and English and Foreign resident assistant Masters.

ETON (*Bucks*), ETON COLLEGE. See Part V., PUBLIC SCHOOLS.

EVERSHOT (*Dorset*), FREE GRAMMAR SCHOOL. Founded 1628, by C. Strickland. Endowment, 75*l.* per annum. Is now a public elementary school.

\* EVESHAM (*Worcestershire*), PRINCE HENRY'S GRAMMAR SCHOOL. Founded 1546. This school is now closed.

EVERSLEY (*Hants*), WIXENFORD. High Class Preparatory School for the Public Schools. About 30 pupils of the upper classes are received. Terms, 150 guineas a year. Principal, E. P. Arnold, M.A., of Balliol College, Oxford.

† EWELME (*Oxfordshire*), GRAMMAR SCHOOL. Founded in 1437, by William de la Pole, Duke of Suffolk, and Alice his wife (granddaughter of the Poet Chaucer). In abeyance. A scheme, settled by Court of Chancery in 1860, provides for the establishment of the school so soon as the income of the whole institution amounts to 1,000*l.* per annum.

\* EXETER (*Devon*), THE GRAMMAR SCHOOL (*1st Grade*). Exeter school was founded in 1629, by Alderman Thomas Walker. Reorganised 1877. Boys are prepared for the Universities, Civil Service, Professional, or Commercial life. The course of instruction includes English subjects, Latin, Greek, French, and German. All boys must board with parents, or, by special leave of the Governors, with guardians or near relations, or with Mr. Pearson, the senior assistant Master, at 20, Dix's Field, which is close to the school. The school year is divided into 3 terms. Scholarships, tenable at the school, are provided in such a manner that about 1 in every 20 pupils attending the school shall receive his education free of cost. The Scholarships will be awarded according to merit only. 46 certificates have been obtained at the University Local Examinations up to 1873, 21 with honours. Exhibitions to the Universities are attached to the School of the aggregate value of 500*l.* per annum. Terms: tuition fee, 21*l.* per annum, 6*l.* 6*s.* for first term, 7*l.* 7*s.* each for second and third terms; boarding fee, 70*l.* per annum, 22*l.* for first term, 24*l.* each for second and



third terms. Entrance fee, 3*l*. Head Master, Rev. E. S. Carlos, M.A., Trinity College, Cambridge, and 3 assistant Masters.

\* **EXETER, HELE'S SCHOOL** (*3rd Grade*). This school was established under the authority of Her Majesty's Warrant, out of funds left by Eliza Hele, and opened in 1849, re-organized under a new scheme. The object of the school is to furnish a liberal and useful education to the sons of the middle and trading classes of society in or near Exeter. The subjects of instruction, which have been found to be a good preparation for the Oxford and Cambridge Local Examinations, at which 87 Certificates have been gained up to 1873, embrace the English, Latin, and French Languages, with Analysis, Mathematics, Arithmetic, Algebra, Euclid, and Mensuration, Natural Science, Drawing, and Vocal Music. The fixed holidays are at the Queen's and Founder's birthdays, Bank Holidays, the afternoons of Wednesday and Saturday, 1 week at Easter, 5 weeks at Midsummer, and 4 weeks at Christmas. Candidates for admission must be 8 years of age, and able to pass an examination in Reading, Writing, the first two rules of Arithmetic, and Multiplication Table. Tuition fees: for boys aged 12, 5*l*. per annum; under 12, 4*l*. 4*s*. per annum; registration fee on application for admission, 2*s*. 6*d*.; entrance fee on admission, 7*s*. 6*d*. Books and stationery are provided by the Governors, at the expense of the parents or guardians of the pupils. Head Master, Charles Long, A.C.P., with assistant Masters.

\* **EXETER, CATHEDRAL SCHOOL**. Established 1856. About 30 boys prepared for University Local Examinations, at which 25 certificates have been gained up to 1873. Boarders at 35 to 40 guineas, and day-boys at 6 to 8 guineas per annum. Vacations, 12 weeks. The Rev. E. T. Foweraker, Head Master, with assistant Masters.

**EXETER, REGENT PARK SCHOOL, HEAVITREE**. The pupils are limited in number, and they are chiefly prepared for Public Schools. The terms for boarders range from 45 to 60 guineas per annum; for day-boys, 12 to 16 guineas per annum. During the last 3 years 18 Public School Scholarships have been obtained by pupils at this school. Vacations, 14 weeks. Principal, H. Morrison, of Magdalen Hall, Oxford, with 2 resident and 3 non-resident assistant Masters.

† **EXETER, HEAVITREE COLLEGIATE SCHOOL, POLSLOE PARK, near EXETER**. A limited number of pupils received and prepared in either of 2 sections, viz., the Classical, in which instruction is given in Latin, Greek, and English; or the English, which is for the education of those destined for Commercial or Agricultural pursuits. Annual terms: boarders, 30 and 40 guineas; day-boys, 6 to 10 guineas. Head Master, Henry C. Bright, assisted by resident and visiting Masters.

\* † **EXETER, KING'S LODGE COLLEGE**. This school is in union with the College of Preceptors. W. F. Quicke, Principal, with assistant Masters.

† **EXETER, MOUNT RADFORD SCHOOL, near EXETER**. This school is more specially adapted for young boys, and is divided into 2 departments: 1. The Classical; 2. The English. Annual terms: boarders, from 30 to 37 guineas; day-boys, 12 guineas. A Scholarship award is given annually, value 10*l*. Principal, E. H. Vine, who is assisted by a staff of competent Masters.



† EXMOUTH (*Devon*), ELM GROVE HOUSE. Boarders and day-scholars instructed in the Classics and general English course, with Modern Languages. The annual terms for boarders are 25 to 30 guineas each, and 8 guineas for day-scholars. Vacations, 12 weeks. Principal, W. Sharland, and several assistant Masters.

\* EYE (*Suffolk*), THE GRAMMAR SCHOOL (*2nd Grade*). Founded before 1566. Endowment, 60*l*. The object of this school is to provide, at a moderate cost, a sound and practical education, which shall qualify its pupils to engage successfully in Agricultural, Commercial, or Professional life. Preparation for the Cambridge Local Examination. The school year is divided into 3 terms. Average number of pupils, 73, about 30 being boarders. Fees for tuition: 4*l*. and 5*l*.; for boarders, from 30 to 33 guineas per annum. Vacations, 10 weeks. Head Master, W. T. Phillips, London University, with assistant Masters.

\* EYTHORNE, *near DOVER*, LYME HOUSE. Established 50 years. The education is Classical and Commercial, and the course includes Latin, Greek, French, German. Special studies, Land-Surveying, and Mensuration generally. Average number of pupils, between 20 and 30. Fees: for boarders, 30 and 36 guineas per annum; day-pupils, 8 and 10 guineas per annum. Preparation for College of Preceptors and other Examinations. Vacations, 10 weeks. Principal, Thomas Davies, and 1 assistant Master.

## F.

FAIRFIELD (*Lancashire*), FAIRFIELD ACADEMY. See MANCHESTER, p. 780.

FAIRFIELD (*near Liverpool*). See LIVERPOOL.

\* FALMOUTH (*Cornwall*), THE FALMOUTH GRAMMAR SCHOOL. Established 1824. Pupils are prepared for the Universities, University Local Examinations, the Army, the Navy, the Civil Service, other Professions, and the general pursuits of life. The system of education is to impart sound instruction in Latin, Greek, French, German, English, Mathematics. Special attention bestowed on English studies and Arithmetic in the junior classes. 45 certificates were gained at the University Locals, 13 in honours, up to 1873. Terms, per annum: for boarding pupils, 36 to 40 guineas; day-pupils, 6 to 8 guineas. Head Master, Rev. J. H. P. Bennett, M.A., of Corpus Christi College, Cambridge, and 4 assistant Masters.

\* FALMOUTH, KIMBERLEY SCHOOL, KIMBERLEY PARK. Established 1833. The curriculum of study includes all the subjects of a first-class English education, being adapted to the preparation of pupils for the Competitive Examinations and general Mercantile pursuits. The fees for day-boys range from 4 to 6 guineas per annum; boarders, 25 guineas per annum. Head Master, C. J. Pennell, C.M., M.R.C.P.

FALKIRK. See POLMONT.

FAREHAM (*Hants*), STUBBINGTON HOUSE. Established 1841. A limited number of the sons of noblemen and gentlemen received and prepared for the Universities and higher Professions. The course of

study embraces instruction in English, Classics, Geometry, Algebra, Trigonometry (including the higher branches), the Modern Languages, Drawing, and Painting. Instruction in French and German under resident Foreign Masters. Terms: for board and education, 60 guineas to 120 guineas per annum. Principal, Montagu Foster, assisted by a staff of resident Masters.

FAREHAM, BLENHEIM HOUSE SCHOOL. Established 1815. The education is Commercial; Latin, French, and Navigation are also taught. Average number, 70 scholars: 25 boarders, 45 day-pupils. Boarders pay 30*l.* per annum; day-pupils, 6*l.* per annum. From 8 to 12. Vacations: Midsummer, 5 weeks; Christmas, 4 weeks. Principal, H. J. Atkins, M.C.P., 2 resident assistant Masters.

FARINGDON (*Berks*), TOLLINGTON HOUSE SCHOOL. A good Commercial education is given. Fees: for day-boys, from 6 to 8 guineas per annum; boarders, from 30*l.* to 45*l.* per annum. The school year is divided into 3 terms. Principal, E. H. Griggs, with an assistant Master.

FARINGDON. 8 private pupils received, to whom are given a sound education and a pleasant home. Terms: for boarders, 50 guineas per annum; day-boys, 25 guineas per annum. Vacations, 13 weeks. Principal, Rev. Edward Thorp, B.A., Oxon, and 1 Tutor.

FARNBOROUGH STATION (*Hants*), STAFF COLLEGE. See MILITARY COLLEGES, Part IV.

\* FARNHAM (*Surrey*), GRAMMAR SCHOOL. Founded prior to 1611. Endowed by J. Harding to the extent of 8*l.* per annum. There are 70 pupils (none free). The general course of study embraces instruction in Latin, French, and English, Mathematics, Natural and Experimental Philosophy, etc. The school year is divided into 3 terms. The holidays are, 5 weeks in the autumn, 4 in the winter, and 2 in the spring. Fees: for day-scholars, 7½ guineas per annum; for boarders, 33 guineas per annum. 24 Certificates have been obtained at the University Locals up to 1873, 7 in Honours. Head Master, Charles Stroud, with 3 resident and 2 non-resident assistant Masters.

FARNHAM, COLLEGE BOARDING SCHOOL. Candidates are prepared for London University Matriculation, and other Examinations. The school fee, 28 guineas. Present number of pupils, 36, 20 of whom are boarders. Principal, H. Poppleton, L.C.P.

\* FARNWORTH (*near Bolton*), DIXON GREEN GRAMMAR SCHOOL. Founded in 1507, by W. Smy, Bishop of Lincoln. Endowment, 60*l.* per annum, and house. Instruction to 50 boys, of whom 15 are free, and the rest pay from 4 to 6 guineas per annum, in Classics, Mathematics, French, and English course. Head Master, G. P. Cartwright, B.A.

FAVERSHAM (*Kent*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (1st Grade). This school was founded in 1527, by Dr. Cole, one of the King's Chaplains and Warden of All Souls College, Oxford. Restored and reconstituted by Queen Elizabeth in 1576. Reorganized and Endowments increased by the Endowed Schools Commission, 1876. The new buildings, which were erected in 1879, are situated in a high and healthy position, a short distance from the town. Value of Endowment, about 500*l.* per annum,

and school fee, 12*l.* to 15*l.* per annum besides extras, includes instruction in English, Latin, The Greek Languages, French and German Languages, Chemistry, Drawing, and Painting, Mathematics, Vocal Music. There are various Exhibitions tenable at the school, 2 being of the value of 60*l.*, and there are also 2 of the yearly value of 60*l.*, to either University. Boarders are received in the house of the Head Master at 43*l.* per annum. The 3 term system has been adopted. Vacations, 13 weeks. Head Master, the Rev. F. M. Crapper, M.A., Oxon, and 7 assistant Masters.

**FAVERSHAM, COMMERCIAL SCHOOL.** Founded 1857. Endowment, 200*l.* The course of instruction is such as to thoroughly qualify pupils for Mercantile pursuits, and includes English, French, and Latin. There are about 100 pupils, 8 free. Boarders pay 26*l.*; day-boys, 3*l.* per annum. Free boys must be residents of the town, and are admitted by Competitive Examination. Trustees may expend in Exhibitions from this school to Faversham Grammar School 60*l.* yearly. Examinations annually by Graduates of University. Vacations: 5 weeks at Midsummer, 5 weeks at Christmas, and 1 week at Easter. Head Master, George Robinson; Second Master, A. Paul; 3 assistant Masters, non-residents.

† **FAVERSHAM, BOUGHTON HOUSE SCHOOL.** Instruction in Classics, French, and the general course of a liberal education to junior pupils. The vacations at Midsummer and Christmas are 5 weeks. Terms: for boarders, 27 guineas per annum each. Principal, Mrs. and Miss Stocker, assisted by several Masters.

**FECKENHAM (Worcestershire), GRAMMAR SCHOOL.** Founded in 1611, by R. Hanbury. Endowment, 57*l.* per annum. 20*l.* of the endowment is paid over to the National School at Feckenham for teaching 12 boys gratuitously; the rest of the money is spent in clothing and apprenticing them. Head Master, vacant, in prospect of a new scheme.

\*\* **FELSTED (Essex), GRAMMAR SCHOOL (1st Grade).** Founded 1564, by Richard Lord Riche. Has lately been re-organized under a new scheme. Endowment, 1,700*l.* per annum. Instruction to about 230 scholars in Classics, Mathematics, Modern Languages, etc., from 10 years,—183 of whom are boarders, on the Foundation, in the school house, paying 30*l.* boarding fee, 18*l.* tuition fee per annum; the remainder boarding in Master's house. Has 6 Exhibitions, of which one of 50*l.* and one of 60*l.*, tenable for 3 years at either University, or any place of further education approved by the Governors, are competed for annually, besides 12 Exhibitions of 10*l.* per annum each, tenable in the school, 3 of which are competed for annually. Examiners from Universities. Vacations, 13 weeks. Head Master, the Rev. D. S. Ingram, M.A., and 12 assistant Masters.

† **FILEY (Yorkshire).** A limited number of pupils received, who are backward in their education through ill-health, neglect, and other causes; special advantages offered. The Rev. Arthur Pettit, M.A., Trinity College, Cambridge, the Principal, is Curate of S. John's Church, Filey, but has no parochial charge.

**FINCHLEY (Middlesex).** See LONDON, N. DISTRICT.

**FOCKERBY, near GOOLE (Yorkshire), ENDOWED SCHOOL.** Founded 1661, by Robert Skerne. Endowment, 120*l.* Instruction given in English,

Latin, Mathematics, to 25 pupils, 12 being free. Fees, nominal. Free scholars should be resident in Fockerby, but others are admitted. 6 Exhibitions, originally confined to this school, now thrown open. Examinations, weekly by the Master. Vacations, 10 weeks in the year: viz., 5 weeks at Midsummer, 4 at Christmas, and 1 at Easter. Head Master, Matthew Lishmann; 1 resident assistant Master.

† FOLKESTONE (*Kent*), THE LEAS. Resident pupils are received and thoroughly educated in Classics, Mathematics, Modern Languages, and Natural Science. The number of pupils is limited to 25. Annual terms, 72*l.* The year is divided into 3 sessions, corresponding to those of the Public Schools. Principal, S. W. Bradnack, with resident assistant Masters.

FOLKESTONE, 15, CLIFTON GARDENS. Pupils are prepared for the Universities, the Indian Civil Service, the Engineering College, Woolwich, First Appointments to the Army, and all Competitive Examinations. The year is divided into 3 nearly equal terms, and the charge for each term is 50 guineas. For vacations, or for shorter periods, a special arrangement may be made. Principal, W. J. Jeaffreson, M.A., and assistant Masters.

FOLKESTONE, 42, SANDGATE ROAD. The instruction is based on a thorough grounding in English in all its branches, Mathematics, Greek, Latin, and French. Terms: 60 guineas per annum. The year is divided into 3 terms. Principal, T. Ratcliffe, late of Exeter College, Oxford.

FOLKESTONE, OSTIA. School removed from "Durham House" to new buildings outside the town. Fifty boys, all boarders, from 9 to 14 and a half years of age, are prepared for the Public Schools. Terms: 100 guineas, including all necessary tuition. Principal, the Rev. Arthur L. Hussey, M.A., Ch. Ch., Oxford, with three Graduates of Oxford and Cambridge, and visiting Masters.

FOLKESTONE, GROVE HOUSE SCHOOL. This school is in union with the College of Preceptors. General instruction imparted by John Clark, with assistant Masters.

FOLKESTONE, PELHAM HOUSE. A preparatory school for boys, from 8 to 14 years of age. Fees: for boarders 60 to 70 guineas per annum. Principal, Mr. Edmund S. Thompson.

FOTHERINGHAY, *near Oundle (Northampton)*, GRAMMAR SCHOOL. Founded in the reign of Queen Elizabeth. Endowment, 20*l.* It is now a Parochial School. Head Master, vacant, in prospect of a new scheme.

FOREST HILL (*Kent*). See LONDON, S.E. DISTRICT.

FORTROSE (*Ross-shire*), FORTROSE ACADEMY. Endowment, under 90*l.* Commercial, Classical, Mathematical Education, embracing English, Latin, French, German, Greek, is imparted. There are 60 pupils, all day-scholars; a few boarders are taken by the Rector. Fees vary according to the number of subjects taken. Rector, Charles Laverie, with a staff of assistant Masters.

FORFAR (*N.B.*), FORFAR ACADEMY. Instruction in Latin, Greek,



French, German, English subjects, and Elementary Science, sufficient to pass Fourth Standard of Scotch Code. Fees, 1*l.* to 1*l.* 10*s.* a year. Head Masters, James Brodie, M.A., and Geo. Younger, M.A.

FORNCETT ST. MARY (*Norfolk*), THE RECTORY. Pupils for the Universities, Army, etc. Special individual attention is given to those who may from any cause be backward in their studies. Terms: including all ordinary expenses, 200 guineas per annum. Principal, the Rev. J. E. Cooper, M.A., Rector of Forncett S. Mary, and Rural Dean, formerly Fellow of S. John's College, Cambridge.

† \* FOWEY (*Cornwall*), GRAMMAR SCHOOL (2*nd* Grade). Established 1690, by J. Treffey. This is a Sanatorium School. Endowment, 80*l.* per annum. Instruction in Classics, Mathematics, etc., to about 50 boys, of whom 10 are free on nomination of Trustees. There are 10 foundation Scholarships for competitive examination. Head Master, J. A. Coghlan, M.A., late Scholar St. Peter's College, Cambridge, with assistant Masters.

\* FRAMLINGHAM (*Suffolk*), ALBERT MEMORIAL COLLEGE. This College was founded in 1864, as a Memorial to the late Prince Consort. It is incorporated by Royal Charter. The object of this school is to provide for the Middle Classes, at a moderate cost, a practical training, which shall prepare the pupils for the active duties of Agricultural, Manufacturing, and Commercial life, and qualify them for the Civil Service and other Competitive Examinations. The course of instruction includes English education, Latin, French, German, Mathematics, Land-Surveying, and Book-keeping, the Elements of the Natural Sciences, Chemistry, Geometrical, Engineering, Model and Architectural Drawing. Use of Piano, 7*s.* per term. The boys are divided into 2 schools, the Senior and Junior. In the Junior School they are thoroughly grounded in English and elementary subjects, and prepared for the Senior School. The school year is divided into 3 terms. School fees, including board, tuition, etc.: for Suffolk boys: under 12 years of age, 30*l.* per year; above 12 years of age, 33*l.* per year; for out-county boys under 12 years of age, 34*l.* 10*s.* per year to 37*l.* 10*s.* per year. The college is a centre for the Cambridge Local Examinations. Head Master, A. H. Scott White, B.Sc., B.A., F.C.S., University College, London, and a staff of resident Masters.

FRAMPTON-ON-SEVERN (*Gloucestershire*), THE VICARAGE. A few private pupils received. Terms: 150 guineas per annum; if for Civil Service Examinations, 200 guineas. The Rev. F. St. John, B.A.

FRESHFIELD (*Lancashire*), FRESHFIELD COLLEGE. The advantages offered are high-class education, combined with thorough preparation for the Universities, Competitive Examinations, and Commercial pursuits. The course of education comprises instruction in the Latin and Greek Classics, Mathematics, Natural Philosophy, and the usual course of English instruction. Terms: for full boarders under 14 years of age, 60 guineas per annum; above 14 years of age, 70 guineas per annum. There is also a Preparatory Department for pupils from 6 to 12 years of age. Terms: boarders, 40 guineas per annum. Principal, Rev. George Bartle, D.D., D.C.L., assisted by 10 resident and visiting Masters.

FRODSHAM (*Cheshire*), FREE GRAMMAR SCHOOL. Foundation un-



known, but must have been before 1641. Endowment, 47*l.* per annum. Is now merely an Elementary English School.

\* FRODSHAM, MANOR HOUSE BOARDING SCHOOL. The course of studies embraces all the subjects required for Professional and Commercial pursuits. Terms: for boarders, 24*l.* to 30*l.* per annum. Pupils sent up to the Cambridge and Oxford Local Examinations. Principal, Rev. R. Pringle Borwick.

FROME (*Somerset*), KEYFORD SCHOOL. The method of teaching is designed to ensure sound instruction in the ordinary departments of English education. The school course also includes Classics, Mathematics, Modern Languages, and Natural Science. Pupils prepared for the Local Examinations of the Universities, at which 36 certificates have been gained up to 1881. The terms for day-boys are from 6 to 8 guineas per annum; boarders, from 26 to 30 guineas per annum. Principal, Arthur H. Coombs, London University.

\* FULNECK (*Yorkshire*), near LEEDS, FULNECK SCHOOL. Founded 1753. Conducted under the auspices and on the responsibility of the English branch of the Moravian Church. The place is supposed to be named after Fulneck in Moravia, once the residence of the great Schoolman Amos Comenius, the Bishop of the German section of the same church. The nature of the education provided is Commercial and Classical. Latin taught to all the boys, French and German to many, Greek to some. Average number of scholars, between 70 and 80. Pupils have been successful at the University Locals. Examinations take place quarterly. Vacations, 6 weeks at Midsummer, 5 weeks at Christmas. Head Master, Rev. J. J. Shawe, with assistant Masters.

FULHAM. See LONDON, S.W.

## G.

\* GAINSBOROUGH (*Lincolnshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded 1589. Endowment, 45*l.* per annum, with house. A sound Middle-Class education is given, but with Latin and Greek. There are 50 boys, of whom 20 are boarders. School fee, 8 guineas per annum; fee for boarders, 50 guineas per annum (inclusive). Examinations at Midsummer. Vacations are 2 weeks at Easter, 6 weeks in the summer, and 4 weeks at Christmas. Head Master, Rev. J. R. Elliott, M.A., with 3 resident and 1 non-resident Masters.

\* GAINSBOROUGH, SOUTHOLME SCHOOL. Established 1871. A sound English, Classical, and Mathematical education is imparted. Preparation for the Public Schools, or the Oxford or Cambridge Middle Class Examinations. Fees: for boarders, 26 to 30 guineas per annum; for day-pupils 8 guineas per annum. The school year is divided into 3 terms. Head Master, T. W. Bowman, assisted by a Graduate of one of the Universities, a Professor of French, and a Teacher of Music and Drawing.

\* GAINFORD (*Durham*), near DARLINGTON SCHOOL. Established 1818. The course of instruction includes Classics, Mathematics, Natural Science,

and Modern Languages. There are 120 resident pupils and 20 day-boys. Fees : for boarders, from 40 to 60 guineas per annum ; day-boys, from 6 to 9 guineas per annum. The school is a centre for Cambridge and Durham Local Examinations. Vacations, 12 weeks. Principals, Rev. W. Bowman and J. Selkirk Charles, B.A. (London), with 8 resident and 2 non-resident Masters.

**GALWAY, QUEEN'S COLLEGE.** The present constitution, government, and organisation of the 3 Queens' Colleges are given fully on page 204.

**Matriculation.**—Candidates for Scholarships, Exhibitions, or Prizes in Queen's College, Galway, are required to pass a Matriculation Examination. Students are admitted by examination to Matriculation in the Faculties of Arts, Law, and Medicine, and in the School of Engineering. The Matriculation Examination is held at the commencement of the 1st Term of each Session. The Matriculation Certificate of the Royal University of Ireland will be accepted by this College. Fees :—Matriculated Students.—Matriculation and College Fee, 10s.; College Fee, commencement 1st year, 10s.; each subsequent year, 5s. All Students for attendance on Pass Courses of Lectures.—For each Course extending over 1 Term only, 1l., more than 1 Term, 2l.; for each re-attendance on last, 1l. Exceptions.—Course of Anatomy and Physiology, 1st time, 3l., a subsequent attendance, 2l.; course of Practical Anatomy, 3l.; course of Practical Chemistry, 3l.; course of Hebrew, 3l.; course of Sanskrit, 3l.; all Honor courses of Lectures, each, 3l.

**Faculty of Arts.**—The ordinary course of study for Students in this Faculty extends over 3 Sessions.

**Junior Scholarships in Arts.**—Of the 30 Junior Scholarships appropriated to Students in Faculty of Arts, 10 are tenable by Students of the 1st year, 10 by Students of the 2nd year, and 10 by Students of the 3rd year.

**Senior Scholarships.**—The College is empowered to award 7 Senior Scholarships, of the value of 40l. each, by examination, to any Graduate in Arts of the Royal University, of not more than 3 years' standing, whose answering is reported as meritorious, provided he shall not have previously obtained a Senior Scholarship in the same department in this or in either of the other Queen's Colleges. Of these Scholarships, 1 is awarded for proficiency in each of the following departments:—The Greek and Latin Languages and Literature, the Modern Languages and Modern History, Mathematics, Natural Philosophy, Metaphysical and Economic Science, Chemistry, Natural History.

**Faculty of Law.**—**Matriculation.**—The Matriculation Examination is the same as that prescribed for the Faculty of Arts.

**Junior Scholarships in Law.**—3 Junior Scholarships, value 20l. each, are appropriated to the Faculty of Law. Of these, 1 is tenable by a Student of the 1st year, 1 by a Student of the 2nd year, and 1 by a Student of the 3rd year.

**Senior Scholarship in Law.**—The College is empowered to award 1 Scholarship, value 40l., by examination, to the most distinguished Student who shall have proceeded to the Degree of B.A., and who shall have attended during 3 Sessions, and have completed the course of legal study herein prescribed to Students of the 1st, 2nd, and 3rd Sessions.

**Faculty of Medicine.**—**Matriculation.**—Students are admitted to Matriculation in Medicine on passing the Entrance Examination in Arts. It is recommended that the curriculum shall extend over at least 4 years, and be divided into periods of at least 2 years each.

**Medical Scholarships.**—8 Junior Scholarships, value 25l. each, are appropriated to the Faculty of Medicine. Of these,

2 are tenable by Students of the 1st year, 2 by Students of the 2nd year, 2 by Students of the 3rd year, and 2 by Students of the 4th year. School of Civil Engineering.—Matriculation.—Candidates for Matriculation are examined in Mathematics, with History, Geography, and the English Language. Scholarships.—5 Scholarships, value 20*l.* each, are appropriated to the Department of Engineering. Of these, 2 are tenable by Students of the 1st year, 2 by Students of the 2nd year, and 1 by a Student of the 3rd year. President, William Moffett, LL.D., D.Lit., and 15 Professors and Lecturers. Registrar, Edward Townsend, M.A., D.Sc. Bursar, George Johnston Allman, LL.D., D.Sc. Acting Librarian, D'Arcy W. Thompson, M.A., D.Lit.

GALWAY (*Ireland*), THE GRAMMAR SCHOOL. On the foundation of Erasmus Smith. The course of instruction includes the ordinary curriculum, in addition to Classics, Mathematics, and the usual English branches, Modern Languages, Physical Science, and Commercial subjects. Pupils are prepared for the Universities or the Public Services. Fees: 60 guineas per annum. The school year is divided into 3 terms. Exhibitions, tenable at Trinity College, Dublin, and lasting throughout the University course, are annually competed for by pupils from the 4 Erasmus Smith schools. The highest of these is worth 40*l.* per annum, besides Free Chambers. Head Master (appointed 1875), Richard Biggs, M.A., LL.D., Ex-Scholar of Trinity College (Dublin), with a staff of assistant Masters.

GARFORTH (*Yorkshire*), near LEEDS, HAWKSHAW HOUSE. The course of instruction comprises a sound English education, Arithmetic, Practical Land-Surveying, Euclid, Algebra, etc. Terms per annum: for boarders, from 24 to 32 guineas. Principal, J. Howson, and assistant Masters.

† GARGRAVE (*Yorkshire*), FREE SCHOOL. Founded 1686, by Henry Coulthurst. Endowment, 15*l.* per annum. Funds are divided between Gargrave and Coniston Village Schools. Head Master, vacant, in prospect of a new scheme.

† GATESHEAD (*Durham*), ANCHORAGE SCHOOL. Founded about 1700, by Dr. T. Pickering. Endowment, 15*l.* per annum. The Anchorage School ceased to exist when the Education Act came into operation. The endowment was transferred to other educational work, and for the payment of the fees of poor children.

\* GILDERSOME near LEEDS, TURTON HALL COLLEGE. Established 1846. The nature of the education provided is Commercial, and includes Classics and Modern Languages, Chemistry, Laboratory Practice, and other Sciences. There are 80 boarders. Terms, from 30 guineas per annum. The whole school is examined annually, by independent Examiners, most of whom are Graduates of the London University, whose reports are published. The College has been appointed by the Science and Art Department an Examination centre. The boys in the upper sixth form are presented at the annual Examinations, which are conducted by the Syndicate of the Cambridge University. Vacations, 10 weeks. Principal, Rev. John Haslam, with 5 resident assistant Masters.

GIGGLESWICK (*Yorkshire*), KING EDWARD VI. GRAMMAR SCHOOL (1st Grade). Founded 1553. Endowment, about 1,100*l.* a year. The course of instruction embraces Classics, Modern Languages, Mathematics,

and Science, besides English subjects. Special prominence is given to Mathematics, Science, and Modern Languages. There are about 180 pupils, of whom 30 to 40 are day-boys. Pupils are admitted at the age of 9 by the Head Master, after an easy entrance Examination. Exhibitions of the value of the tuition fees are offered to day-boys. There are also Exhibitions of 50*l.* a year to Christ's College, Cambridge, and boys from this school have the privilege of competing for the Hastings Exhibition, worth 90*l.* a year. Examinations by University Examiners, appointed by the governing body, are held annually. Vacations, 14 weeks, exactly. Head Master, Rev. George Style, M.A., late Fellow of Queen's College, Cambridge, with 11 assistant Masters.

† GILLING (*Yorkshire*), HARTFORTH GRAMMAR SCHOOL. Founded by Sir Thomas Wharton, in 1678. Endowment, 55*l.* per annum, with house. Instruction in elements of Latin, Greek, and in English course, to 32 free boys and others. There is 1 Exhibition, tenable till B.A. degree at Oxford or Cambridge. Head Master, J. Lambert.

† GIRVAN (*Scotland*), GRAMMAR SCHOOL. Foundation unknown. Endowment, 76*l.* per annum. Instruction in Elementary Classics, French, Mathematics, etc., to 40 boys (orphans being free), the others paying 25*s.* per annum. Head Master, Robert Marshall.

† GILINGHAM (*Suffolk*), GRAMMAR SCHOOL (3rd Grade). Founded 1639, by John Darby. Endowment, 17*l.* per annum. Instruction to 10 free boys, and 10 others paying 2*l.* per annum, in English course only. Head Master, vacant, in prospect of a new scheme.

GLASGOW (*Scotland*), ANDERSON'S UNIVERSITY. John Anderson, M.A., F.R.S., the founder of Anderson's University, was born at Roseneath, in Dumbartonshire, in the year 1726, and died on 13th January, 1796, bequeathing by his will, dated 7th May, 1795, the whole of his property, with a few trifling exceptions, to the public, for the good of mankind and the improvement of science, in an institution to be denominated "Anderson's University," and to be managed by 81 Trustees. According to the design of the founder, there were to be 4 Colleges, for Arts, Medicine, Law, and Theology, besides an Elementary School or Academy. Each College was to consist of 9 Professors, the senior of whom was to be President or Dean; and the whole, when acting in one body, were to be called the "Faculty" of the College. The funds, however, were quite inadequate to carry out the plan, the value of the whole, including library and apparatus, being under 1,000*l.* Since the establishment of the Institution, it has been greatly extended, so as to render it more in accordance with the intentions of the founder. It now consists of a complete Medical School. This is taught by an efficient staff of Professors; and from the superior character of the tuition, and its cheapness, a large body of students are attracted from all parts of the kingdom.—Foundations and Bursaries. James Yeats, Esq., left to the University 40*l.* per annum. In 1861, John Freeland, Esq., left the sum of 7,500*l.* In addition to the above, Mr. Freeland in 1871 made a gift to the University of 5,000*l.* In 1866, William Euing, Esq., settled in trust the sum of 3,000*l.* Mr. Euing subsequently made a gift to the University of the Model Schools adjoining the University buildings. Mr. Euing died on the 12th of May, 1874.



By his will he bequeathed his whole Musical Library to the University, along with 1,000*l.* for the purpose of building a fire-proof room for its accommodation, and of paying a librarian to take charge of it, besides a sum of 200*l.* to print a catalogue. Mr. Euing also left the University the sum of 6,000*l.* for general purposes, and 150*l.*, the interest of which is to be applied in providing prizes in connection with the Chair of Music instituted by him. In the year 1870, James Young, Esq., settled in trust the sum of 10,500*l.* for the purpose of establishing a Chair of Technical Chemistry. In connection with this Chair several Bursaries have been presented, of 50*l.* per annum each, tenable for 3 years. In the Medical School the fees for all the Lectures and Hospital Practice required for a diploma amount to 40*l.*, which sum includes perpetual attendance on the Medical and Surgical Practice and Clinical Lectures at the Royal Infirmary or General Hospital, which contains 600 beds. There are also popular evening Lectures and Classes.—Professors. Faculty of Arts : Physics or Natural Philosophy, George Forbes, M.A., F.R.S.E. ; Mathematics, Alexander Laing, LL.D. ; Chemistry, William Dittmar, F.R.S.E. ; Applied Mechanics, W. T. Rowden, B.Sc., A.R.S.M. (London). Faculty of Medicine : Chemistry, William Dittmar, F.R.S.E. ; Institutes of Medicine, D. C. M-Vail, M.B. ; Practice of Medicine, M. Charteris, M.D. ; Anatomy, A. M. Buchanan, M.A., M.D. ; Surgery, James Dunlop, M.D. ; Midwifery, J. G. Wilson, M.D., F.R.S.E. ; Materia Medica, James Morton, M.D. ; Medical Jurisprudence, Alexander Lindsay, M.D. ; Ophthalmic Medicine, J. R. Wolfe, M.D., F.R.C.S.E. (Lecturer).

GLASGOW, MECHANICS' INSTITUTION, 38, BATH STREET. Provides Lectures and Evening Classes at moderate fees to about 1,000 students. Examinations are held in May by Local Board of the Science and Art Department. Robert R. Tatlock, F.R.S.E., F.C.S., and 20 other Lecturers and Teachers.

GLASGOW, GLASGOW ACADEMY. Established 1846. To qualify pupils for University or Business. The course of instruction includes Latin, Greek, French, German, English, Mathematics, Physics, Chemistry, Drawing. Number of pupils, 600. Fees vary from 4*l.* to 16*l.* 16*s.* a year for tuition. Scholars admitted by Head Master at any age. Examinations in June by Examiners appointed by the board of Directors. Vacations in summer, all July and August, and a fortnight at Christmas. Rector, D. Morrison, M.A., LL.D., with 20 other assistant Masters.

GLASGOW, HIGH SCHOOL. Founded in 12th century. The High School of Glasgow is one of the Eleven Higher Class Public Schools originally constituted under the Education (Scotland) Act, 1872. The School is divided into a Junior and Senior Section. The curriculum of the Junior Section is adapted for boys under the age of ten or eleven, and instruction in Classics, Mathematics, English, French, German, and Natural Sciences. Number of pupils on roll for month of January 1882, 728. Rector, D. H. Paton, LL.D. Has 7 co-ordinate Masters besides assistant Masters.

GLASGOW, THE KELVINSIDE ACADEMY. This is a large Day School, organised three years ago, and is divided into three departments, viz., (1) Elementary School, (2) Junior School, and (3) Upper School. The



curriculum embraces all branches of a liberal education. 250 pupils are in attendance, and the instruction is carried on by a Principal with 16 assistant Masters and 1 Governess for the Elementary School. The fees range from 5*l.* to 14*l.* per annum for the first year, and are increased each year the student remains until they reach 22*l.* per annum in the fifth year. The quarter days are September 1st, November 16th, February 1st, and April 19th. Head Master, Edward A. Sonnenschein, M.A. (late Scholar of University College, Oxford).

GLASGOW, BERKELEY TERRACE SCHOOL (formerly CHESHAM PLACE SCHOOL). Boys are trained either for Business or for the Universities, while young ladies receive a sound and solid education. The fees range from 10*s.* 6*d.* to 2*l.* 2*s.* per session. Head Master, William S. Jamieson, B.Sc., F.E.I.S., member of the Glasgow University Council.

GLENALMOND (*Perthshire*), TRINITY COLLEGE. This institution was founded in 1841, and presented, until very recently, the double character of a Theological College in connection with the Scottish Episcopal Church, and a Public School for boys. The Theological Department is now permanently settled in Edinburgh. The Public School department at Trinity College is intended to furnish an education of the best kind as a preparation for the Universities, the Military Colleges, the Civil Service, or for general or professional life. Boys are admitted at any age between 9 and 19. The whole school is divided into three different sets of classes. The highest education is given. In the "Modern Side" special attention is given to Physical Science. The additional subjects taught in the Modern Side, as such, comprise Modern History, English Literature and Composition (including Letter-writing), extra work in French and German, Book-keeping, and Physical Science: to the last-mentioned a minimum space of 5 hours a week is devoted. The Science subjects are (1) Physical Geography, Meteorology, and Elementary Astronomy, (2) Mechanics, (3) Heat, (4) Electricity and Magnetism. Of these, 2 are taken in hand at one time, and a boy who has been 3 years in the Modern Side will have gone through the entire course in that time. Boys are sent up to compete for Woolwich and Sandhurst direct from the school. Special Woolwich and Sandhurst classes do private work with masters out of School hours. There is a Cadet Rifle Corps (Highland) composed of members of the College. Annual terms: 90 and 80 guineas, according to age; for sons of Scottish clergy (Episcopal), 50*l.* and 40*l.* Vacations, 14 weeks. The school year is thus divided: Lent term, January 20 to April 15; Trinity term, May 10 to July 31; Michaelmas term, September 20 to December 20. These dates are only approximate. Warden, Welford Richmond, M.A., and Rev. W. E. Frost, M.A., Sub-Warden, with 5 assistant Masters.

\* GLOUCESTER, CRYPT GRAMMAR SCHOOL. Founded 1539. Boys are prepared for the Universities, the Oxford and Cambridge Local Examinations, the Civil Service Examinations, and for Commercial life. One Exhibition of 90*l.* a year, with rooms rent free, tenable for 4 years at Pembroke College, Oxford. Candidates must have been Pupils of the School for at least the 2 years previous to the day of election. Terms: for tuition, first half-year, 2*l.* 15*s.*; afterwards, 1*l.* 7*s.* 6*d.* per quarter. Boarders are received by the Head Master on the following terms (exclusive of school fees): for boys under 12 years of age, 30*l.* per annum;

above 12, 32*l.* per annum; day-boarders, 16*l.* per annum. Head Master, Rev. C. Naylor, M.A., late Scholar of Corpus Christi College, Cambridge. Head Master's Assistant, Rev. J. H. Lorimer, B.A., S. John's College, Cambridge, and 8 assistant Masters.

† \* GLOUCESTER, THE KING'S SCHOOL, commonly called THE COLLEGE SCHOOL, GLOUCESTER (attached to the Cathedral). Restored by King Henry VIII., A.D. 1536. The School is divided into 2 departments,—the Classical and the Modern. In the Classical Department boys are prepared for the Universities of Oxford, Cambridge, and London, and the learned professions generally. The subjects taught in this department are Divinity, English Language and Literature, Latin, Greek, and French Languages, and Mathematics. In the Modern Department boys are prepared for the Cooper's Hill Engineering College, the Royal Military Academy at Woolwich, Sandhurst, and all Examinations held by the Civil Service Commissioners. The subjects taught in this department are Divinity, English Language and Literature, Latin, French, and German Languages, Mathematics, Drawing, and Experimental Science. In the Lower School boys are carefully grounded in Religious Knowledge, English, Latin, Arithmetic, Writing, and Drawing. They are also periodically examined by the Head Master. The tuition fees are 15 guineas a year for boys over 12 years, 12 guineas a year for boys under 12 years. There is an entrance fee of 2 guineas. The Head Master receives a limited number of pupils into his house in Palace Yard, and personally superintends their evening work. There is a large cricket field and playshed. Head Master, the Rev. P. W. Sparling, M.A., and several assistant Masters.

GLOUCESTER, THEOLOGICAL COLLEGE. See THEOLOGICAL COLLEGES, page 358.

† GNOSALL (*Stafford*). CARTWRIGHT'S GRAMMAR SCHOOL (3*rd* Grade). Founded 1653, by Edward Cartwright. Endowment, 40*l.* per annum. Instruction to 40 boys (of whom 14 are free), in English course. Head Master, Samuel Felton.

† GOOSNARGH, PARISH OF KIRKHAM (*Lancashire*), GRAMMAR SCHOOL. Founded by Henry Colborne in 1655. Endowment, 75*l.*, with house. Head Master, vacant, in prospect of a new scheme.

GODALMING (*Surrey*), AND HILLSIDE. See HILLSIDE. And for CHARTERHOUSE SCHOOL. See Part V., PUBLIC SCHOOLS.

† GODMANCHESTER (*Hunts*), FREE GRAMMAR SCHOOL. Founded 1561, by Queen Elizabeth and Richard Robins. Endowment, 24*l.* per annum. Is now a Public Elementary School for Boys. Head Master, Samuel James Harwood.

GOSBERTON (*Lincolnshire*), GOSBERTON HALL SCHOOL, near SPALDING. Opened in Sleaford in 1849. About 50 boarders and 10 day-boys educated in Commercial and Agricultural course. Terms: if under 10 years of age, 24*l.* per year; from 10 to 12, 26*l.* per year; above 12, 28*l.* per year. Principal, C. Boyer, with several assistant Masters.

GOLDWORTH, near WOKING STATION (*Surrey*), S. BERNARD'S COLLEGE. This school is intended for pupils under 12 years of age, prepara-

tory to their entering the Mission College School, Southwark, or other Church of England Public Schools. The school fees (board and tuition) are 45 guineas per annum. The above fees include instruction in Latin, Greek, French, and a thorough course of English. Day-pupils, 10 to 15 guineas per annum. There are 3 terms in the year, Michaelmas term, Easter term, and Midsummer term. Head Master, vacant ; Warden, the Rev. A. B. Goulden, with assistant Masters.

**GOSPORT, THE ROYAL ACADEMY.** This school was established in the year 1791, by the late Dr. W. Burney, and was for many years honoured by the immediate patronage of his late Most Gracious Majesty King William IV. ; His Royal Highness the much-lamented Prince Consort was also its Patron. The plan of education is liberal and comprehensive ; great attention is paid to the study of Modern Languages, of which there are 2 Professors. In this establishment, Pupils are educated for the Navy, Army, the Civil Service, the Learned Professions, Public Schools, etc. The terms are 60 to 70 guineas a year, which include every branch of a sound Classical and English education. The school year is now divided into 3 terms : the vacations are, 3 weeks at Easter, 6 weeks at Midsummer, and 4 at Christmas, commencing about the same time as at our Public Schools. Patrons, Her Most Gracious Majesty the Queen, His Royal Highness the Prince of Wales, His Royal Highness the Duke of Edinburgh. Principal, the Rev. Edward Burney, M.A. ; Vice-Principal, E. L. Shewell, M.A., with a staff of resident Masters.

\* **GOSPORT, VERNON HOUSE ACADEMY, STOKE ROAD.** The pupils of this school receive a sound and liberal education, suited to the requirements of Commercial and Professional life, and others are prepared for the University Local Examinations. The subjects of instruction comprise English in all its branches, Mensuration, Book-keeping, Music, Drawing, Science, together with French, Latin, and German. Fees: 4*l.* 4*s.*, 5*l.*, and 6*l.* per annum. French, Latin, and German, each 2 guineas per annum. Principal, J. Bond, and 2 assistant Masters.

**GOUDHURST (Kent), GRAMMAR SCHOOL.** Founded by John Horsemonden, in 1670, for instruction in Latin and Greek, Arts, Sciences, etc. This school has been in abeyance for several years, and still continues so.

\* **GRANTHAM (Lincolnshire), GRAMMAR SCHOOL (2nd Grade).** Founded by Richard Fox, Bishop of Winchester, in 1528 ; re-endowed by King Edward VI. in 1553 ; and reorganised under the Endowed Schools Acts in 1876. The subjects of instruction are English subjects, Latin, Greek, French, and German, Arithmetic and Mathematics, Natural Science, Drawing, Vocal Music, Drilling ; Greek is optional. There are 6 Exhibitions, consisting of exemption from the tuition fees, tenable for 3 years by boys at the school. There are 6 Exhibitions, 3 of 10*l.* per annum each, and 3 of 15*l.* per annum each, tenable for 3 years by boys at the school. The holders of Exhibitions are called Foundation Scholars. There are also Exhibitions not exceeding 50*l.* each in value, tenable at some University. Pupils from this school have a preference to the Newcome Exhibition of 40*l.* per annum at S. John's College, Cambridge, and to 2 Lovett Exhibitions of 50*l.* per annum each, at Sidney Sussex College, Cambridge. These last are restricted to the sons of clergymen. The fees are from 6*l.* to 9*l.* per annum for tuition, and from 45*l.* to 48*l.* per

annum for board, in Head Master's house. Head Master, E. G. Hardy, M.A., late Fellow of Jesus College, Oxford, and 7 assistant Masters.

\* GRAVESEND (*Kent*), PROPRIETARY SCHOOL. 120 Pupils prepared for the Oxford and Cambridge University Local Examinations, for Matriculation at the University of London, and for the College of Preceptors. Terms : for boarders under 12 years of age, 39 guineas per annum ; for boarders above 12 years of age, 48 guineas per annum. Principal, Matthew Gutteridge, B.A., assisted by resident and non-resident Masters.

GRAVESEND, MANOR HOUSE COLLEGIATE SCHOOL, NORTHFLEET. This school is limited to 12 boys under the age of 14. The course of instruction is calculated to prepare them either for the Higher Schools or the various vocations of Public life. Terms : 40 guineas per annum. Principal, the Rev. Frederick Davis, and several assistant Masters.

GRAVESEND AND MILTON MIDDLE CLASS SCHOOL, PEACOCK STREET. 150 day pupils are educated for Commercial life. Principal, C. H. Smith.

GRAVESEND, TIVOLI HOUSE, WINDMILL HILL. The course of instruction includes English subjects, Latin, Greek, Hebrew, French, German, and Italian, Mathematics, Music, Painting, Drawing. Terms : 50 guineas per annum. Principal, H. Berkowitz, assisted by resident Masters.

GRAVESEND, PREPARATORY SCHOOL, HUTCHINSON PLACE. Instruction in English, and the rudiments of the Latin and French Languages. Terms : 25 guineas per annum, including board. Principal, Miss Fulford.

\* GRAY'S THURROCK (*Essex*), ENDOWED MIDDLE CLASS SCHOOL (*3rd Grade*). Founded by William Palmer in the year 1707. A scheme of management was approved by Her Majesty in Council on the 29th day of June, 1871, to enable the upper and middle classes to obtain for their sons the advantages of a good Classical, Mathematical, and Commercial education at a moderate expense. The education given includes English in all its branches, French, Drawing, Land-Surveying, etc. Pupils are prepared for the University Locals. Vacations, 13 weeks. Annual Examinations are conducted by Examiners appointed by the Governors. Head Master, John Morton Rigge, with 3 resident and 1 non-resident Masters.

GREAT AYTON (*Yorkshire*), *viâ* NORTHALLERTON, NORTH OF ENGLAND AGRICULTURAL SCHOOL. Established 1841, by Members of Society of Friends. Instruction in English course, with Latin, French, Mathematics, to 80 pupils, paying 14*l.* to 28*l.* per annum each. Admitted from 9 years of age by Committee. Superintendent, Ralph Dixon.

\* GREAT CROSBY, MERCHANT TAYLORS' SCHOOL (*2nd Grade*). This school is situated near Liverpool, and was erected at a cost of 12,000*l.*, and opened on the 27th July, 1878. The building will supersede the old one, founded A.D. 1620, under the will of John Harrison, a citizen of London, whose father was a native of Crosby. Endowment, about 1,000*l.* Instruction in Classics, Mathematics, Modern Languages (French and German), Natural Science, and English, to 110 scholars. One-tenth of school hold "Harrison Scholarships," which confer a free education, and are awarded by competition. Fees : scholars under 12 years of age, 6*l.* per annum ; over 12 years of age, 8*l.* 5*s.* per annum. Pupils admitted at 8 years of



age. All have to pass an entrance examination before admission. Free scholars (as stated above) appointed from school by Competitive Examinations. 3 scholarships of not less than 40*l.*, for 3 years, tenable at Universities, or "higher places of learning." Examinations, by Examiners appointed by the Governing Body, at Midsummer and Christmas. Vacations, 2 weeks at Easter; 6 in summer; and 3 at Christmas. Head Master, Rev. S. C. Armour, M.A.; 3 resident and 2 non-resident assistant Masters.

† GREAT GRIMSBY (*Lincolnshire*), GRAMMAR SCHOOL. Founded 1547, by Edward VI. Endowment, 7*l.* per annum only, but supported by Corporation Funds. Instruction to 80 boys, sons of Freemen, all free, in Classics, Mathematics, French, German, and English course. William J. Lundie, Head Master.

GREAT MARTON, *near BLACKPOOL (Lancashire)*, BAINES' ENDOWED SCHOOL. Founded 1717. Endowment, 162*l.* The subjects of study include elements of Latin and Greek, and general knowledge. There are 132 pupils, all free. Examinations are held in April in each year by Her Majesty's Inspector. Vacations, 7 weeks. Head Master, William Lord Scarr, C.M., and 1 assistant Master.

GREAT BARDFIELD. See BARDFIELD.

GREAT BRAXTED (*Essex*), THE RECTORY. A few private pupils received. Subjects taught, Divinity, Classics, Mathematics for ordinary B.A. Degree, English Language and Literature, French, etc. Vacations, 13 weeks. Principal, the Rev. W. H. Rowlandson, late Fellow of Corpus Christi College, Cambridge.

GREAT MARLOW. See MARLOW.

GREAT WAKERING. See WAKERING.

GREAT YARMOUTH (*Norfolk*). See YARMOUTH.

GREENHITHE (*Kent*), THAMES NAUTICAL TRAINING SHIP, H.M.S. "WORCESTER." See page 264.

GREENOCK (*Renfrewshire*), GREENOCK ACADEMY. Established 1855. There is a small endowment from the town of Greenock. Instruction is given in elementary subjects, also Latin. Greek, French, German, and Mathematics, to between 300 and 400 pupils, all day-scholars, who are admitted at any age. Free Scholars by Competitive Examination. In addition to the ordinary Class Prizes, the following are competed for annually at the close of the Session: 1. The Stewart Gold Medal. 2. The Brown Society's Prize. 3. The Campbell Prize—a case of Mathematical Instruments to be awarded to the best Mathematical Scholar in the Academy. 4. Prizes for Scripture Knowledge. Examinations are held by the Glasgow University. Vacations, 2 calendar months in the year. Rector, E. M. Neilson, M.A., with 16 assistant Masters and Professors.

GREENOCK, HIGHLANDERS' ACADEMY, ROXBURGH STREET. Instruction in elementary subjects at nominal fees. Head Master, William Bowie, C.M.; F.E.I.S., with 3 assistant Masters, and 5 Government Pupil Teachers.

GREENWICH (*Kent*). See LONDON, S.E. DISTRICT.



GRENDON (*Northants*), THE VICARAGE. A limited number of private pupils, not under 15 years of age, educated generally, or with special reference to Examinations at the Universities, or for Direct Commission, or Civil Service appointments. The year is divided into 3 terms of approximately equal length; and there are the usual Easter, Summer, and Christmas Vacations. Terms: 200 guineas per annum. Principal, the Rev. G. H. Rigby, M.A., of Trinity College, Cambridge, Vicar of Grendon, assisted by a resident Tutor.

\* GRIMSBY, WESTPORT HOUSE SCHOOL. Established 1852. The course of instruction comprises Latin, Mathematics, English in all its branches, and the elements of Natural Philosophy. Fees: for tuition, from 6 to 9 guineas per annum; for board and tuition, from 30 to 42 guineas per annum. Principal, Walter Lord Browne, with 2 resident and 2 visiting Masters.

GRIMSBY, COLLEGIATE SCHOOL, BRIGHOW GATE. The main object of this establishment is to impart a sound English education, with all its usual requirements. Established 1876. The subjects of instruction include Latin, Greek, French, German, Mathematics, Chemistry, etc. Fees: for tuition, from 6 to 8 guineas per annum; ordinary boarders, 30*l.* but these fees do not include the tuition fees. Principal, A. E. Roberts, B.A., London, with assistant Masters.

GRINSTEAD, EAST. See EAST GRINSTEAD.

\*\* GUERNSEY, ELIZABETH COLLEGE, S. PIERRE PORT. This College was founded and endowed by Queen Elizabeth, A.D. 1563. It was re-chartered by George IV., A.D. 1825, when the present spacious building was erected. The system of education, commencing with an elementary course in the Lower School, affords a complete preparation for the Universities, the learned Professions, the various branches of the Civil and Military Services, and Commercial life. The School is divided into 3 sections. Scheme of Education.—Upper School.—1. Classical Department. Subjects taught: Greek, Latin, French, Mathematics, Ancient and Modern History and Geography, and English Language and Literature. German is also taught in the Sixth Form. The object of this department is to prepare boys for the Universities, the learned Professions, and the Civil and Military Services in those branches where Classics and Mathematics are important. All Sixth Form boys are sent in for the Certificates of the "Oxford and Cambridge Schools Examination Board." 2. Modern Department. Subjects taught: French, German, Latin (not obligatory), Mathematics, Modern History, and Geography and English Language and Literature. The object of this department is to prepare boys for Woolwich, Sandhurst, Cooper's Hill, Civil Engineering, and Commercial and Mercantile pursuits. Geometrical Drawing is taught to all boys in the Upper School who are preparing for the Military Examinations or Civil Engineering. 3. Lower School. The Teaching here is Elementary. All the subjects taught in the Upper School (with the exception of German and Geometrical Drawing) are begun in this Department. Boys are admitted as soon as they can read English with tolerable facility. Scholarships and Exhibitions tenable at Oxford. By a recent Statute there will henceforth be Four Scholarships of 80*l.* a year, and 6 Exhibitions of 50*l.* a year, at Exeter, Jesus

and Pembroke Colleges. It is arranged that there shall be 1 Scholarship and at least 1 Exhibition to be competed for every year. Both Scholarships and Exhibitions will be held for four years. All boys are eligible who have been educated at Elizabeth College during at least two years immediately preceding the Election. Tenable without restriction of place. Lord de Saumarez's Exhibition of 15*l.* per annum for 4 years; open to all boys of 3 years standing and over 16 years of age. The Maingay Scholarship of 40*l.* per annum for 2 years; open to all boys above 16 and under 19 years of age, who have been at Elizabeth College for one year immediately preceding the Examination. This Scholarship is especially intended to encourage competition for the Indian Civil Service. The Queen's Exhibition of 30*l.* per annum for 4 years, open only to boys of 3 years standing, and between the age of 16 and 20, being natives of Guernsey or sons of natives. Upper School Prizes. Miller Prizes (for general proficiency). 20*l.* in money, open to all boys in the Sixth Form whose names have been on the College books for three years; 15*l.*, open to the Fifth Form under similar conditions; 10*l.*, open to the Fourth Form; 5*l.*, open to the Third Form. The Bishop's Prizes (for Scripture Knowledge). 3*l.* in books for the Classical School; 2*l.* in books for the Modern School, and many others. Fees: day boys, under 10 years of age, 8*l.* per annum; above 10 years of age, 12*l.*; Freehand Drawing (optional), 4*l.* 4*s.*; Chemistry (optional), 4*l.* 4*s.* Boarders (including College fees for tuition), Principal's House, under ten years of age, 50 guineas per annum; under fifteen, 60 guineas; above fifteen, 70 guineas. Mr. Horton's House, under ten years of age, 40 guineas per annum; under fourteen, 50 guineas; under sixteen, 55 guineas; above sixteen, 60 guineas. The year is divided into 3 terms of 13 weeks each. The holidays are 13 weeks in each year, being either 7 weeks at Midsummer and 6 at Christmas, or 8 weeks at Midsummer and 5 at Christmas. Examiners are appointed by the Oxford and Cambridge Schools Examination Board. Principal, the Rev. John Oates, M.A., Lincoln College, Oxford; Vice-Principal, George Metcalfe, M.A., St. Catharine's College, Cambridge, and 10 assistant Masters.

¶ GUERNSEY, GRAMMAR SCHOOL. Principal, J. Garrett.

GUERNSEY, CLASSICAL AND MATHEMATICAL SCHOOL, VALNORD BANK, VICTORIA ROAD. The course of instruction embraces the Classics, Mathematics, Arithmetic, the use of the Globes, Book-keeping, Drawing and Design Work, and the general English Subjects. The terms are on March 25th, June 24th, September 29th and December 25th. A great many pupils from this School have passed into the Army, Navy, and various other Professions. Principal, J. Chamberlain.

GUERNSEY, BOYS' SCHOOL, LITTLE ST. JOHN STREET. Principal, Carl Korner.

† GUERNSEY, NOTRE DAME DU ROSAIRE SCHOOL. Instruction in the usual branches of a sound French and English education, Latin and Accomplishments. Terms: per annum, for boarders, 25*l.*; day-pupils, 4*l.* Principal, Ch. V. Norgéot.

GUILDFORD (*Surrey*), ROYAL GRAMMAR SCHOOL. Founded by Robert Becketingham in 1509, chartered in 1550 by Edward VI. The Foundationships and Exhibitions amount to 200*l.* per annum. The course

of education aims to prepare for the Universities, and includes Greek, Latin, French, Ancient and Modern History, Mathematics, Chemistry, Physics, Geology, Botany, Drawing, etc. The Head Master himself instructs the upper classes. There are no extras except Music. The year is divided into 3 terms. The Prefect system is maintained. Fees: boarders, 50 guineas per annum; day-boys, 15 guineas per annum. Visitor, The Lord Bishop of Winchester. Head Master, Rev. S. B. Kincaid, D.D., M. A., Trinity College, Cambridge, with assistant Masters.

\* GUILDFORD, THE CASTLE COLLEGIATE AND COMMERCIAL SCHOOL. In this establishment pupils between the ages of 7 and 16 years receive, on strictly moderate terms, a first-class education, preparing them for Professional and Mercantile pursuits, the Civil Service and other Competitive Examinations. The subjects of instruction are the Latin, Greek, French, and German Languages, English subjects, Book-keeping, Drawing, Arithmetic, Mathematics, Chemistry, Physiology, Part Singing, Pianoforte, Drill, etc. Fees: for boarders, from 36 to 42 guineas; day-pupils, from 9 to 12 guineas per annum. Principal, William Lydgate, F.R.C.S., M.R.C.P., Student and Exhibitioner, St. John's College, London. Vice-Principal, John Wight Pope, LL.D., and resident assistant Masters.

GUILDFORD, PREPARATORY SCHOOL FOR YOUNG GENTLEMEN, 108, HIGH STREET. Little boys are received and instructed in the various branches of a sound English Education, French, Latin, and Greek. The school year is divided in 3 terms of 13 weeks' duration. Terms: for resident pupils, 39 guineas per annum; day-pupils, 10½ guineas per annum. Principals, the Misses Wenham and Couldrey.

GUILDFORD, ALLEN HOUSE. Preparation for Charterhouse and other Public Schools. Boys being individually prepared for Entrance Examinations. In addition to Latin, Greek, French, Mathematics, and minor subjects, special attention is given to Grammar and the English Language. Music is also taught if desired. There are large Grounds attached to the house, including good Cricket-field, Gymnasium, Carpenter's Room, etc. The year is divided into three terms, corresponding with those at Charterhouse. Terms: 90 guineas per annum. Boys entering under 9, or brothers, 80 guineas per annum. Principal, Rev. Herbert Moody, B.A.

GUILDFORD, THE FRIARY SCHOOL, NORFIELD HOUSE. Established in 1855. A Commercial, Classical, and Mathematical Education is given, and all subjects taught which are essential to the Professional man, and useful to the man of business of the present day. Pupils prepared for preliminary and other examinations. Terms for boarders: 36 to 42 guineas per annum. Principals, J. B. Ichet, and T. K. L. Ichet.

GUILDFORD, EDGEBOROUGH. Pupils prepared for Woolwich, Sandhurst, and the Universities. Each pupil has a separate bedroom. Terms: 180 guineas a year. Principal, the Rev. J. H. Robson, M.A., LL.D., late Foundation Scholar of Downing College, Cambridge, assisted by a Graduate of Oxford for Classics, a resident Teacher of Modern Languages, and a Lecturer in Natural Science.

\* GUILSBOROUGH (*Northamptonshire*), THE LATIN SCHOOL. Founded 1668, by Sir James Langham. Endowment, 80*l.* per annum. Instruc-

tion in Classics, Modern Languages, and English Course, to 30 pupils. Boarders pay 60 guineas per annum; day-boys 6 guineas per annum. Head Master, Rev. S. Burgess, M.A., S. John's College, Cambridge, and resident German and French Masters.

GUILSBOROUGH (*Yorkshire*), GRAMMAR SCHOOL. Founded 1561, by Robert Parsgrove. Endowment, 50*l.* per annum. Instruction to 33 boys in Latin and Elementary English, free, and in Greek, French, Mathematics, and English Course, on average payment of 3*l.* 18*s.* per annum each. Head Master, W. E. Jackson, and several assistant Masters.

GUISLEY, *near* LEEDS, THE GRAMMAR SCHOOL. Exact date of foundation unknown, supposed to be 1774. Endowment, 90*l.* per annum; now an Elementary English School, in which instruction is given to about 300 children. Head Master,

GWENNAP (*Cornwall*), TREVARTH HOUSE, GRAMMAR SCHOOL, *near* REDRUTH. Established more than 50 years. Affords a sound Classical and Commercial Education. A strict half-yearly Examination. Prizes awarded to the most successful in each subject. Pupils prepared for Examination. Terms: for board and tuition, 22 guineas; tuition alone, 4 guineas per annum. Principal, R. Green, and assistant Masters.

## H.

HACKNEY. See LONDON, E. DISTRICT.

HADLEIGH (*Suffolk*), BENTON HOUSE. Six boys between the ages of 8 and 13 years prepared for Uppingham and other Public Schools. Terms: for pupils under 10 years of age, 50 guineas per annum; for pupils above that age, 60 guineas per annum. Vacations, 16 weeks. Principal, the Rev. William Ward, Curate of Hadleigh, and an assistant Master for Modern Languages.

HAILEYBURY COLLEGE. See Part V., PUBLIC SCHOOLS.

\* HALESOWEN (*Worcestershire*), THE GRAMMAR SCHOOL. Founded in 1652. Endowment, 155*l.* per annum. 50 boys, being sons of inhabitants, or deceased inhabitants of the original parish of Halesowen, are entitled to the benefits of the school. Pupils pay 50*s.* per annum each, and others pay 3*l.* or 4*l.* Instruction in Latin and usual English course. The Head Master is also allowed to receive a limited number of boarders. Head Master, W. F. Matthews, M.A., with assistant Masters.

HALESWORTH (*Suffolk*), CASTLE ACADEMY. Established 1817. A good Commercial education, with Mathematics, Modern and Classical Languages, is given to 60 or 70 boys and girls (in separate classrooms). Boarders pay 20 to 25 guineas per annum; day-scholars, 3 to 4 guineas per annum. Examinations are held each term by the Master, on the plan of the College of Preceptors, though not by the College. Summer vacation in August and September, 5 weeks; Christmas vacation, December and January, 5 weeks; Easter vacation, 2 weeks. Head Master, J. B. Harvey, M.C.P.; with resident assistant Masters and Governesses.



HALLIFORD (*Surrey*), near WALTON-ON-THAMES, HALLIFORD HOUSE. This school is preparatory for the Public Schools. The general course includes all branches of English, the Classics, Mathematics, French, Vocal Music, and Drilling. Boys can remain to their 15th year. Fees: for boarders under 12, 105*l.* per annum; for boarders over 12, 120*l.* per annum; day-boys, 30*l.* per annum. The year is divided into 3 terms. The holidays begin at the usual times, but are somewhat shorter than those given at most Public Schools. Principal, the Rev. W. F. J. Hanbury, B.A., Cambridge.

\* HALIFAX (*Yorkshire*), THE GRAMMAR SCHOOL OF QUEEN ELIZABETH, HEATH, near HALIFAX (1st Grade). Founded 1585. Endowment, 300*l.* The school is managed under the scheme drawn up by the Endowed Schools Commissioners, and is divided into a Senior and a Junior Department. No boy is admitted until he is 8 years old, and cannot remain in the Junior Department after 14, nor in the Senior Department beyond the age of 19. Boys are admitted after an Examination in Reading easy narrative, Writing small text-hand, Simple sums in the first four rules of Arithmetic; and for the Senior Department, Reading ordinary narrative, Writing simple prose from dictation, Sums in the four simple and compound rules of Arithmetic, English Grammar, Geography, Outlines of English History, Latin Grammar, Translation and Parsing of simple Latin sentences. In the Senior Department the education includes Greek and the higher branches of Mathematics. The fees are 8*l.* per annum for the Junior Department, and 12*l.* per annum for the Senior. There are 3 terms in the year. The fixed holidays are 4 weeks at Christmas, 4 days at Easter, 2 weeks at Whitsuntide, and 6 weeks at the end of the Midsummer term. There is an annual Examination in July, conducted by a Graduate of one of the Universities. Boys who have been at this school 2 years are admissible with those educated at Leeds and Heversham schools as candidates for the Milner Scholarships at Magdalene College, Cambridge, which are worth about 70*l.* per annum. Head Master, Rev. Thomas Cox, M.A., Cambridge, and 5 assistant Masters.

\* HALSTEAD (*Essex*), THE GRAMMAR SCHOOL. Founded A.D. 1594, by Lady Mary Ramsey. Endowment, about 200*l.*, with house. The education is Mercantile. Preparation for Oxford and Cambridge Locals and Professional Examinations. About 60 boys in school. Fees: day-boys, 4*l.* to 8*l.* per annum; boarders in Head Master's House, moderate. Trustees appointed by Lord Chancellor and Christ's Hospital, London. Annual Examination by Graduates appointed by Trustees. Vacations, Christmas, a month; Easter, a week; summer, 6 weeks. Head Master, J. J. Cavill, B.A. London, and resident assistant Masters.

HAMMERSMITH. See LONDON, W. DISTRICT.

HAMPSTEAD. See LONDON, N.W. DISTRICT.

HAMPSTHWAITE (*Yorkshire*), WEST SYKE GREEN LATIN SCHOOL. Founded 1707, by John Richmond. Endowment, 14*l.* per annum, with a house. Now only provides elementary English instruction. Head Master,

HAMPTON (*Middlesex*), THE GRAMMAR SCHOOL (1st Grade). Founded



1556. Is under the government of a board of trustees. Endowment, about 500*l.* The usual Public School, Classical, and Mathematical course, with special attention to French, German, and Natural Science. About 65 pupils. Capitation fee, 8*l.* per annum; boarders, 50*l.*, exclusive of capitation fee. Boys admitted by Head Master from 8 years of age. Entrance Examination according to age; the youngest boy must be able to read well, write fairly, and do sums in the first 4 rules of arithmetic. Arrangements are made by which a limited number of day-scholars can dine at the Head Master's house, except on half-holidays, at a fee of 2*l.* 16*s.* per term. Examinations annually, in July, by Graduates of Oxford or Cambridge, and others appointed by the Governors of the school. Vacations, summer, 6 weeks; winter, 1 calendar month; Easter, Good Friday to Easter Monday. A new scheme is in preparation by the Endowed Schools Commissioners, in which it is proposed to build a new Grammar School for 200 boys, and found Scholarships to the value of 100*l.* per annum. Head Master, Rev. George F. Heather, M.A., 3 assistant Masters.

HAMPTON, MILITARY ACADEMY, POULTON HOUSE, TANGLEY PARK. Candidates for the Army are prepared for Woolwich and Sandhurst, also preparation for the Indian and Home Civil Services, Indian Staff Corps, Royal Staff College, Cooper's Hill, and Indian Forests. The year is divided into 3 terms. Fees: for resident students, 150*l.* per annum, or 20 guineas per month, or 5 guineas per week; tuition alone, 10 guineas per month. Special training for Militia Officers (Drill and Army Regulations). Principals, Dr. Kaim and H. Zoebel, with a full staff of assistant Masters. See also Index to Appendix B. and page 244 in the Military Section.

HAMPTON COURT, THE TERRACE. A limited number of Students are prepared for Sandhurst. Woolwich, and other Competitive Examinations. Also Militia officers, and officers for Promotion Examinations, and for the Royal Staff College. Fees: 75 guineas per term averaging 13 weeks; 6 guineas a week during the holidays. The classes being small, individual attention is thus given. Principals, F. Liefchild, B.A., T. Hickson, B.A., and A. Owen, B.A., assisted by a full staff of experienced Tutors. The Military Department is under the direction of an experienced officer. See also Index to Appendix B. and page 206 in the Military Section of this work.

HAMPTON LUCY (*Warwickshire*), GRAMMAR SCHOOL, near WARWICK. Founded 1635, by Rev. Richard Hill. Endowment, 120*l.* per annum. Instruction in Classics, Mathematics, English, French, German, Drawing, Botany, Commercial subjects, etc. Has 2 Exhibitions of 27*l.* 10*s.*, tenable for 3 years at Magdalen Hall, Oxford. Vacations, 16 weeks. Head Master, Rev. George W. Jones, M.A., C.C.C. Cambridge, distinguished in Hebrew, with resident and non-resident Masters. Boarders received by Head Master at 60*l.* per annum.

HAMILTON (*Lanarkshire, N.B.*), GILBERTFIELD HOUSE SCHOOL. The course of instruction embraces Bible knowledge, English (in all its branches), Languages, Mathematics, and Physical Science, Music and Drawing, Natural Philosophy, and is intended to prepare boys for Mercantile pursuits, the Civil Service Examinations, and the Universities. The vacations are, 2 weeks at Christmas, and the months of

June and July. The fees for boarders range from 50 to 70 guineas per annum. Principal, William Wood. This school is now removed to No. 37, Highbury New Park, London, N.

\* HANLEY CASTLE (*Worcestershire*), THE GRAMMAR SCHOOL. The date of foundation and the founder's name is unknown. The income of the Trust is about 370*l.* a year. For some years previous to 1868 the school, as a Grammar School, was virtually in abeyance. A new scheme was obtained in that year. The school has gradually grown in status, and has succeeded in making its traditions of hard work and success. The school has been enlarged at a cost of 2,000*l.* Experience proves that this is a remarkably healthy and suitable position for a good public boarding school. The present number of boarders is 35; day-pupils average about 16. Great weight is attached to English subjects, Latin, French, and especially Mathematics. Greek and German are taught, as well as Chemistry, by the Head Master, without fee, when required. Has lately been very successful at the University Locals. Vacations, 12 weeks. Head Master, Rev. H. Lister, F.C.P., with assistant Masters.

\* HANDSWORTH (*Staffordshire*), BRIDGE TRUST SCHOOL. Established 1862. Endowment, 500*l.* Instruction to 150 boys, in English, Latin, Mathematics, French, Drawing, Chemistry; 6 free scholars, the rest pay 4*l.* per annum each. Up to 1873 46 certificates had been obtained, 11 with honours, at the University Locals. Head Master, the Rev. J. M. Guest, M.A., and 3 assistant Masters.

\* HARDWICK, EAST (*Yorkshire*), HARDWICK SCHOOL. Established 1845, re-established 1857. The education is general, including Classics, Mathematics, French, and German. 103 pupils, from 8 to 18 years of age, all boarders, at from 24 to 30 guineas each per annum. Law, Medical, and University Local Examinations. Vacations, Midsummer and Christmas, about 5 weeks each. Principal, Edmund Lord, assisted by 6 resident and 3 visiting Masters.

HAREHILL, *near* KEIGHLEY (*Yorkshire*), HAREHILL SCHOOL. Founded 1743, by Sarah Heaton. Endowment, 32*l.*, with Master's house and 2 crofts. Instruction in English subjects to 21 boys, 18 girls; total, 39. Reading taught free for the Endowment, Writing and Cyphering taught for 2*l.* per week additional. Pupils admitted, at the age of 4 years, by the Master. No qualifications necessary. Vacations, 5 weeks in the year, in July and December. Head Master, John Appleyard.

HARGRAVE (*Cheshire*), THE GRAMMAR SCHOOL. Founded 1638, by Sir Thomas Moulson. Endowment, 47*l.* This school is now under the control of the Education Department as a Public Elementary School, and therefore the instruction is such as will meet Government requirements. Special subjects, Elementary Latin and Greek, Music, and Science. Head Master, Pryce E. Thomas, trained and certificated.

HARLESTON (*Norfolk*), GRAMMAR SCHOOL. Founded in 1668, by Archbishop Sancroft. Endowment, 36*l.* per annum, now devoted by the Rector towards the support of the National School.

† HARLOW (*Essex*), HARLOW COLLEGE. This school was established in 1820. The premises stand in about 6 acres of high ground overlooking

the valley of the Stort. The general course of education comprises religious instruction in conformity with the principles and doctrine of the Church of England; the Greek, Latin, French, and English Languages and Literature; Ancient and Modern History and Geography, Mathematics, Arithmetic, Writing, etc. Annual terms, 60 and 70 guineas. Principal, the Rev. William Earle, M.A., and several assistant Masters.

\* HARLOW, THE COLLEGIATE SCHOOL. Established 1820. Instruction in English and French. Preparation for the Universities, etc. About 45 boarders, at ages from 6 to 16. 2 Scholarships, 1 at 15*l.*, 1 at 30*l.*, each 1 year. Examinations, July and December, by Principal, or by Oxford and Cambridge Local if desired. Head Master, A. H. Sydenham, and 3 assistant Masters.

HARMONDSWORTH, THE LODGE, *near* SLOUGH. The course comprises the usual subjects of a thoroughly sound English education, including Classics, Mathematics, and French. Pupils can be prepared for the various Examinations, and candidates for the Theological Colleges. Terms: for pupils under 14, 100 guineas per annum; above that age, 120 guineas. Vacations at Christmas, Easter, and Midsummer. Principal, Rev. W. Sharp.

HARPTREE, EAST. See EAST HARPTREE.

£ \* HARROGATE (HIGH), (*Yorkshire*), HARROGATE COLLEGE. Instruction is given in English, Classics, Latin, Greek, French, and German, to 60 boarders, 20 day-boys. Boarders pay 60 to 70 guineas, day-boys 12 to 15 guineas per annum. 3 Exhibitions of 10*l.* and 3 of 5*l.* for boys obtaining first and second-class honours at the Oxford and Cambridge Locals, tenable for 1 year at school. Vacations, 4 weeks at Christmas, 2 end of April, and 7 in August and September. Principal, J. P. Hughes, with 4 resident and 3 visiting Masters.

\* HARROGATE, WESTERN COLLEGE. Established 1875. The course of instruction is intended to fit boys for the Universities, the Professions, the Civil Services, or Business, and includes the Latin and Greek Classics, English in all its branches, French, German, Mathematics, Arithmetic, Natural Science, Writing, Shorthand, Book-keeping, Drawing, Music, Singing, Drilling, and Gymnastics. Accommodation for 50 boarders and 25 day-pupils. Terms: boarders, 45 to 70 guineas; day-pupils, 15 to 20 guineas per annum, according to age. There is a Junior Department in which boys from the age of 7 years are carefully trained for the upper divisions. An examination is made twice every term by the Principal and assistant Masters, and once a year by University Examiners. Pupils sent in for the Oxford and Cambridge Locals, the London Matriculation, and other Public Examinations. Vacations, 11 weeks in the year. Principal, A. H. Allan, M.A., assisted by 3 resident and 4 non-resident Masters.

HARROGATE, SOUTH PARK VILLA. Established 1868. About 12 pupils prepared for the Public Schools, Professions, and Universities. The terms for boarders are 65 guineas, including tuition in the following subjects: viz., Divinity, English, Latin, Greek, French, Mathematics, in all parts, Analytical and Geometrical. The year is divided into 3 terms to correspond with the great Public Schools, commencing respec-

tively in January, May, and September. The vacations are, 6 weeks in summer, to commence towards the end of July, 4 weeks at Christmas, and 3 weeks in April. Principal, the Rev. A. Blythe, M.A. Cantab., late Scholar and Exhibitioner of Christ's College, and Graduate in Honours, assisted by resident Tutors.

**HARROGATE (HIGH), OATLANDS.** About 30 pupils, all boarders, prepared chiefly for the Public Schools, at terms of 105 guineas per annum. Vacations, same as at the Public Schools. Principal, James Roscoe, M.A. Cantab., and 3 assistant Masters.

**HARROGATE, BILTON GRANGE.** Established 20 years. Limited number, never more than 20. Boys trained for Public Schools. English, Latin, and French specially taught. Vacations, 8 weeks at midsummer, 10 days at Easter, and 5 weeks at Christmas. Principal, Mrs. Kirkpatrick, with 1 resident Tutor.

† **HARROGATE, PANNAL HOUSE.** A sound course of English instruction in the Classics and Modern Languages. 40 certificates have been obtained, 10 with honours, at the University Locals, up to 1873. Terms: for boarders, 30*l.* to 32*l.* per annum. Principal, Thomas Watson, 1st B.A. (London), and assistant Masters.

† **HARROGATE, STRAWBERRY DALE SCHOOL.** Preparation for the University Local Examinations and a general course of instruction. William Taylor, Principal.

**HARROGATE, ELLESMERE SCHOOL.** The School curriculum aims at providing the older boys with an education sufficiently advanced to enable them to matriculate at any of the Universities. The school year is divided into three terms of about thirteen weeks each. Terms for boarders per year, from 50 to 80 guineas. Music, Drawing, and Practical Chemistry are extras. Principal, John Naughton.

**HARROGATE, THE COLLEGE (WESLEYAN METHODIST PROPRIETARY).** According to the Articles of Association, the Head Master must be a member of the Wesleyan Methodist Society, and all the Assistant Masters and pupils regularly attend the Wesleyan Church. The method of teaching combines the Professorial and the Tutorial system, so as to give the pupils the advantages of both. Accordingly, full and clear explanations and illustrations are given, after which the boys are individually drilled in the subject just explained. That this thorough system may be successfully carried out, 1 resident Master is provided for every 15 boys, or part of 15, under tuition. The spring term begins on January 19th, the summer term on May 8th, and the autumn term on September 15th. Ordinary charges: for boarders, from 48 to 60 guineas per annum. Head Master, Edward Rush, B.A., and a staff of assistant Masters.

**HARROW SCHOOL.** See Part V., PUBLIC SCHOOLS.

**HARROW, BOWDEN HOUSE SCHOOL.** This School has been established at Harrow for 15 years. Boys are admitted, from seven to thirteen years of age, to prepare for Harrow, Eton, Winchester, Rugby, and other Public Schools. The numbers being limited, individual attention is given to each pupil, and success at either Classical or Modern side of Public



School Entrance Examination is ensured. Inclusive term from 80 to 100 guineas. Principal, Thomas Darnell, assisted by resident and non-resident University Honourmen and Foreign Masters.

HARROW, COMMERCIAL SCHOOL. Established 1857. The education is suited for those intended for a Commercial life. Terms : about 30*l.* per annum. Principal, Dr. Vellere, with resident assistant Masters.

HARROWDEN (*Northampton*), GREAT AND LITTLE HARROWDEN AND ORLINGBURY SCHOOL. Founded in 1850. Endowed by William Aylworth, to accommodate 99 scholars. Enlarged, 1876, so as to provide for 40 more scholars, supported by Endowment, Government Grant, school pence, and voluntary subscriptions. Master, C. McAlister, two Pupil Teachers, and two Monitors.

† HARTLEBURY (*Worcestershire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (*2nd Grade*). Foundation unknown, but prior to 1400. Chartered in 1558. Endowment, about 500*l.* per annum. 65 pupils, 15 being boarders. Has an interest in certain Scholarships at Worcester College, Oxford, in default of scholars from Bromsgrove School, and 10 Exhibitions tenable at School. Head Master, J. W. Greenall, B.A., and a staff of assistant Masters.

† HARWICH (*Essex*), CORPORATION SCHOOL. Founded in 1724. No Endowment. Instruction in Elementary English to 32 boys, paying 20*s.* each. Head Master, the Rev. R. Bull, and one assistant Master.

\* HASTINGS (*Sussex*), UNIVERSITY SCHOOL. This school was for 17 years conducted at West Hill House, Hastings. The new buildings were erected for the Principal in 1873. Pupils are prepared for Matriculation at the University of London, and for the Local Examinations of the Universities of Oxford and Cambridge, at which 143 certificates have been obtained up to 1878, 61 in honours. The School is divided into Upper, Middle, and Lower Departments. The school year is divided into 3 terms, of 13 weeks each. The terms for boarders are from 50*l.* to 75*l.* per annum. Principal, John Stewart, and assistant Masters.

HASTINGS, STONELEIGH HOUSE, ST. HELEN'S CRESCENT. Preparatory School for boys, who are prepared for the Local Examinations or Public Schools if desired. Terms : with board, 40 guineas per annum, including History, Geography, Grammar, Composition, Writing, Arithmetic, English Literature, Mapping, Scripture History, Drawing, and Latin. The extras being for Music, French, and German. Principal, Miss Tilly. See also Index to Appendix A.

\* HASTINGS, SIDNEY SUSSEX HOUSE, 59, CAMBRIDGE ROAD. Pupils prepared privately for the Army, Public Schools, and Universities. Principal, T. H. Cole, M.A., Wrangler, Sidney Sussex College, Cambridge.

HASTINGS, CHRIST CHURCH VICARAGE, BLACKLANDS. A few private pupils prepared for Universities, etc. The house is in a neat, pleasant, and healthy situation. Terms : 100 guineas per annum. Rev. Alfred Hedges, M.A. (of Hertford College, Oxford), Vicar of Christ Church, Blacklands, Hastings.

HASTINGS, 14, DEVONSHIRE ROAD. A limited number of pupils, from



the age of 7 years, are received as boarders, to prepare for advanced schools. Inclusive terms, pupils under 12, 66*l.*; pupils over 12, 75*l.* per annum. The course includes Divinity, Arithmetic, Elementary Mathematics, History, Geography, Grammar, Composition, the Greek and Latin Classics, and French. Principal, Charles F. Bellot, B.A. Oxon (Honours).

HASTINGS, MANOR HOUSE, WEST HILL TERRACE. Established 1856. The usual high-class English education is given to 24 boarders. Terms: 70 guineas per annum. Usual age of admission from 8 to 14. Examinations at Midsummer and Christmas, conducted by the Head Master. Vacations, 15 weeks. Principal, Alexander E. Murray, assisted by 1 resident Master and 4 non-resident.

HASTINGS GRAMMAR SCHOOL (*2nd Grade*). Founded 1619, by W. Parker. Endowment, 200*l.* per annum. This school was re-organized by the Charity Commissioners in 1880 by amalgamating the Foundations known as Parker's Charity, Saunder's Charity, and that part of the Magdalene Charity which had to be applied to the advancement of education. All the usual subjects are taught, together with Navigation. Greek is an extra. Boys, if 8 years old, are admitted after an entrance examination. No one can stop after 17, except with express permission. The fee is 9*l.* per annum. The new buildings will contain room for at least 150 boys, and a Head Master's house with room for boarders will be added as soon as possible. When the scheme is fully carried out there will be 20 Scholarships (*i.e.*, free education), of which 10 will be confined to the inhabitants of the Old Town. At present awaiting the completion of the new buildings, the School is held in the old school-room of Parker's Charity. Numbers, 45, as many as the room will hold. Head Master, W. E. McGill, M.A. Oxon.

HATCHAM (*Surrey*). See LONDON, S.E. DISTRICT.

HATFIELD (*Yorkshire*). The school was founded in 1627 by Thomas Wormeley. Endowment, 14*l.* per annum. School built by John Spivey in 1682. By a scheme of the Charity Commissioners, dated July 11th, 1877, during a vacancy of the benefice, the school was handed over to the Governors of Travis Charity, and the Endowment to an Exhibition Trust to give Exhibitions to boys at higher public schools. There are 3 School Board Schools, a Travis Charity School, and an Infant School in the parish. The school had been let for many years to the Travis Charity for 5*l.* a year, and the sum of 19*l.* thus obtained was a help to the late incumbent.

HAWLEY, *near* DARTFORD (*Kent*), SUTTON HOUSE. A few pupils prepared for the Public Schools or the Universities and Military Examinations. Terms, 80*l.* to 150*l.* per annum. Principal, Rev. Hayman Cummings, F.H.R.S.

† HAVERFORDWEST (*Pembrokeshire*), GRAMMAR SCHOOL. Founded 1613, by Thomas Lloyd. Endowment, 250*l.* per annum. Instruction in Classics, French, and English course, to 60 boys (none free), paying 4*l.* per annum. Exhibition of 50*l.* to Brasenose College, Oxford, tenable 4 years. Examiners from Universities. Head Master, Rev. W. Scott, M.A., and assistant Masters.

HAVANT (*Hants*), MANOR HOUSE SCHOOL. The course of studies has

been selected from the advanced and popular plans of the day. The curriculum includes the English, French, German, Greek, and Latin Languages, Mathematics, Drawing, etc., preparation for the learned Professions. The vacations are, at Midsummer 1 month, Christmas 1 month, Easter, the day before Good Friday till the following Wednesday evening. This school is in union with the College of Preceptors. Terms : for boarders, from 32 to 36 guineas per annum. Principal, Rev. S. Spurgeon, M.R.C.P., with resident assistant Masters.

HAVERSTOCK HILL. See LONDON, N.W. DISTRICT.

† HAWARDEN (*Flintshire*), GRAMMAR SCHOOL. Founded 1606, by George Ledsham. Endowment, 16*l.* per annum, with a house. Instruction in Classics, Mathematics, Modern Languages, Hindustani, Natural and Applied Science, and English course, to 8 Foundationers and about 20 others. Boarders pay 30 to 40 guineas each. Head Master, W. H. Webb.

HAWKSHEAD. See WINDERMERE.

† HAWKSHEAD (*Cumberland*), GRAMMAR SCHOOL, near WINDERMERE. Founded 1585, by Archbishop Sandys. Endowment, 220*l.* per annum. Instruction in Classics, Mathematics, French, and English course, to 23 boys, of whom 6, being sons of residents, are free ; 5 are non-Foundationers, paying 4 guineas per annum, and 12 are boarders, at from 40*l.* to 60*l.* per annum. Head Master, the Rev. R. A. Samson, M.A., and 2 assistant Masters.

HAWKHURST, MIDDLE-CLASS SCHOOL, KENT. This school was established in 1810, and for 70 years was known as "Tudor Hall." Under the present master the buildings have been restored, and the teaching brought up to the requirements of the present day. 30 boarders, 7 day boarders. Fees : from 30 to 40 guineas for board and tuition. Principal, Francis Heath.

HAWTHORN, near SUNDERLAND (*Durham*), HAWTHORN VICARAGE. A few private pupils received, and instructed in English in all its branches, Classics, Mathematics, Modern Languages, Drawing, and Music. Terms : 80 guineas a year ; Music, 10 guineas extra. Principal, the Rev. William Merrieles, M.A., of Queen's College, Oxford, Vicar of Hawthorn, Second Classman in Classics.

HAYFIELD (*Derbyshire*), HAYFIELD NATIONAL (CHURCH) SCHOOL. Founded 1604. Endowment, 26*l.* Instruction is given in English elementary subjects to about 192 pupils, all day-scholars. The fees are nominal. Is under Government Inspection. Head Master, Hubert Williams, with 3 assistant Masters.

HAWORTH (*Yorkshire*), GRAMMAR SCHOOL, near KEIGHLEY. Founded 1632, by Christopher Scott. Endowment, 100*l.* per annum, with a house. Instruction in Classics, Mathematics, and English course, to boys, all free, except boarders. Vacations, 8 weeks. Head Master, the Rev. William Patchett, M.A. Cantab.

HAYDON BRIDGE (*Cumberland*), near CARLISLE, THE GRAMMAR SCHOOL. Founded 1685, by the Rev. J. Shaftoe. Endowment, about 700*l.*

The education is Classical in the Grammar School proper; Commercial in the 4 English schools. There are about 250 pupils. Free to all inhabitants. Head Master has a few boarders, 50*l.* to 60*l.* per annum. Pupils admitted at the age of 5 by the Head Master, acting for the Trustees. Residence, in the Chapelry. It is now merely an endowed elementary school; but the trustees think of applying some of the funds to the creation of a county school. The clerk to the trustees is T. Stokoe, Esq., Solicitor, Hexham; and the present Master of the school is Mr. W. Potts.

\* **HEADINGLEY HILL** (*Yorkshire*), near LEEDS, **HEADINGLEY SELECT SCHOOL**, SOUTHEND HOUSE, RICHMOND ROAD. Established 1872. The course of instruction in the second and third divisions of the school is arranged according to the curriculum of the Cambridge Junior Examination. When pupils have passed the Examinations they advance into the first division, in which the following studies are continued, and are pursued as far as possible, viz.: Mathematics, Geometry, Latin, French, German, English Language and Literature, Scripture, and Science. The terms for boarders are 60 guineas per annum. Vacations, 12 weeks in the year. Principal, James Irwin Coates, F.R.A.S., assisted by 6 resident and visiting Masters.

**HEATON CHAPEL** (*Lancashire*), **WELLINGTON SCHOOL**, **HEATON MOOR LANE**. The course of study includes English, Euclid, Algebra, Book-keeping, French, Drawing, and Drill. Examinations held every half-year. Principal, H. Rashleigh.

**HEATH.** See **HALIFAX**.

\* **HEATON MOOR** (*Lancashire*), **HIGH SCHOOL**, near MANCHESTER. Established 1869. Removed to its present site in 1871. There are 2 divisions in the school, Classical and Modern. In the Classical division instruction is given in the Classical and Modern Languages, Mathematics, Chemistry, Botany, and Geology. In the Modern division the usual English subjects are taught. French and German are included in the senior course. The school year is divided into 3 terms. Fees: for tuition alone, from 6 to 12 guineas per annum. Head Master, Dr. C. P. Bahin, M.A., and 6 assistant Masters.

**HEAVITREE.** See **EXETER**.

**HEIGHINGTON** (*Lincolnshire*), **GRAMMAR SCHOOL**. Founded 1621, by Thomas Garrett. Endowment, 205*l.* per annum, with a house. Instruction in Latin and Mathematics, besides the usual English course, to 90 scholars, between 6 and 15, all free, being the children of inhabitants of Heighington, Washingborough, and Branstons. Head Master, the Rev. Frederick Day, M.A., and assistant Master.

† **HEIGHINGTON** (*Durham*), **GRAMMAR SCHOOL**. Founded in 1601, by Elizabeth Jemson. Instruction in Elementary Latin, Greek, and English. Endowment, 60*l.* per annum. This is now a private school for boarders and day-scholars. Principal, the Rev. J. Dixon, B.A., with assistant Masters.

**HELENSBURGH** (*Scotland*), **ARDENLEE SCHOOL**. A preparatory school for boys, from 7 to 14 years of age, for Eton, Harrow, and other Public Schools, and especially for Trinity College, Glenalmond, and Loretto

School, Mid-Lothian. Terms : from 80 to 100 guineas per annum for boarders : no day boys received. Principal, James Wilkins, M.A., with resident Tutors.

HELENSBURGH, LARCHFIELD ACADEMY. This is a high-class boarding and day school for boys. Founded about a quarter of a century ago, and greatly enlarged in recent years to meet modern requirements. The situation is one of the best in Helensburgh, which is acknowledged to be a place particularly well suited for the young. A field of about eight acres in extent is set apart for manly exercises, which are superintended by one of the resident Masters in turn. A thorough commercial training is given, and pupils are prepared for the Universities, for the work of the Early English Text Society, and for the Army and the Civil Service. Board and education from 50 to 80 guineas, according to age. Head Master, Thomas Bayne, Classical Graduate of St. Andrew's University, with 10 Masters of Departments and assistants.

HELENSBURGH, SPRINGFIELD ACADEMY, 57 AND 59, JAMES STREET. Instruction in English subjects, French, Latin, Greek, Mathematics, etc., to pupils at moderate fees. Principal, Thomas Harker, M.R.C.P., and 7 assistant Masters.

HELSTON GRAMMAR SCHOOL (*Cornwall*). The foundation and early history of this Grammar School are entirely unknown. It appears it was rebuilt in 1610, and in 1700 a larger building was erected on the old site, and new buildings have been built at a later date. The pupils are prepared for the Universities, Public Examinations, and Professional and Commercial life, at moderate terms. A former Head Master was the Rev. A. Jessopp, DD., now Head Master of Norwich Grammar School. Boarders are received in the Head Master's house. The present Head Master is J. West Lavery, B.A. Cambridge, assisted by resident Masters.

HEMEL HEMPSTEAD (*Herts*), LOCKERS PARK. A high-class preparatory school for the sons of gentlemen, who are carefully prepared for Eton, Harrow, and other Public Schools. Boys are received between the ages of 8 and 14. The school fees are from 105*l.* to 120*l.* each. Principal, H. M. Draper, M.A. Oxford, assisted by graduates and other assistant Masters.

HEMEL HEMPSTEAD, MARLOWES ARNOLD HALL SCHOOL, DAY SCHOOL FOR BOYS, GEORGE STREET. Instruction is given in the usual English subjects, Classics, and Mathematics. Inclusive terms : from 28 to 35 guineas per annum. Robert Payne, assisted by resident Teachers.

\* HEMSWORTH (*Yorkshire*), near PONTEFRACT, ARCHBISHOP HOLGATE'S GRAMMAR SCHOOL. Founded 1547, by R. Holgate. Endowment 400*l.* per annum, besides 300*l.* to which it is entitled from Hemsworth Hospital. The ordinary course of instruction comprises Holy Scripture, the Latin and French Languages, Writing, Arithmetic, Euclid, Algebra, Geography, History, Drawing, general English Literature and Composition. Greek may be learnt without extra charge. Boys prepared specially for Cambridge Local Examinations, Home, Civil Service, Preliminary Medical or Legal Examinations. Annual Examination of the School by a Graduate of Oxford or Cambridge. Prizes are awarded by the Trustees. The new school premises were



erected in 1868, at a cost of 5,000*l.* Inclusive fees, due in advance : for boys under 12, 33*l.* per annum ; under 14, 36*l.* per annum ; over 14, 45*l.* per annum. There are 3 terms in the year. Head Master, Rev. Charles S. Butler, M.A., First Class Classical Honours, with assistant Masters.

HENBURY (*Gloucestershire*), FREE GRAMMAR SCHOOL. Founded 1624, by Anthony Edmunds. Endowment, 240*l.* per annum, which is partly applied to the maintenance of 7 poor boys. Merely elementary English instruction is now given. Head Master, Henry Pillinger.

HENFIELD (*Sussex*), LUCTON SCHOOL, BROOMFIELD VILLA. Established 1869. Pupils prepared for Professional or Mercantile pursuits, and for the various Public Examinations. The course of Instruction includes Greek, Latin, French, Mathematics, Vocal and Instrumental Music, Drawing, Book-keeping, and the usual branches of an English Education. Especial attention is paid to all the branches of English and Mathematics, and to the thorough grounding of whatever is learnt. The scholastic year is divided into 3 terms, and holidays occur at the close of each of them : viz., about 3 weeks at Christmas, 2 weeks in the spring, and 5 weeks in the autumn. School Examinations are held at the close of each term. Pupils may enter the school at any time. Inclusive terms : boarders, 24 guineas per annum ; weekly boarders, 18 guineas per annum ; daily pupils, 4 guineas per annum. Principal, E. J. H. Churcher, M.R.C.P., with assistant Masters.

\* † HENLEY-IN-ARDEN (*Warwickshire*), CLASSICAL, MATHEMATICAL, AND COMMERCIAL ACADEMY. Instruction in English Composition, Arithmetic, History, Geography, Classics, and Mathematics. Pupils are prepared for Professional or Commercial life, also for the Oxford and Cambridge Local Examinations. Terms : for boarders, from 21 to 28 guineas per annum each. Principal, T. Cooper, with an assistant Master.

HENLEY-IN-ARDEN (*Warwickshire*), ARDEN HOUSE. Established 1870. The subjects taught are Classics, Mathematics, English, French, History, and Geography. Preparation, chiefly for the Public Schools, to about 20 boarders, between the ages of 8 and 14. There are 2 Exhibitions of 10 guineas a year each. Examinations at the end of each term. Vacations, 3 times a year : Christmas, 4 weeks ; Easter, 3 weeks ; Trinity, 7 weeks. Arden House is healthily situated in grounds of 25 acres. Head Master, the Rev. William Nelson, M.A., Jesus College, Cambridge, who is assisted by 2 Tutors and a Governess. The stations for Henley-in-Arden are Bearley and Knowle on the G.W.R. ; distant, 3 and 6 miles respectively.

\* HENLEY-ON-THAMES (*Oxford*), THE ROYAL GRAMMAR SCHOOL (2nd Grade). Founded 1604, by James I. Endowment, part of 362*l.* per annum. Under the new scheme the subjects of instruction will be Classics, Mathematics, Natural Science, French, German, English, Drilling, Drawing, and Vocal Music. Terms : for boarders, from 40 to 60 guineas per annum. There is accommodation for 80 boarders ; day-boys at present 20 ; no free boys. Pupils admitted at the age of 8 by the Head Master. There 3 Scholarships, of 20*l.* per annum each, given by present Head Master, subject to certain conditions. Vacations, 14 weeks. Head Master, Rev. F. R. Pentreath, D.D. Oxon, assistant Masters, Graduates in Honours of Oxford and Cambridge.



HEPTONSTALL (*Lancashire*), GRAMMAR SCHOOL, *near* MANCHESTER. Founded 1642, by the Rev. Charles Greenwood. Endowment, 75*l.* 4*s.* per annum, minus an annual guaranteed expenditure therefrom of 12*l.*, for the improvement of the school property. Instruction in Classics, Mathematics, and English course, to about 60 scholars, paying 1 or 2 guineas each per annum, with 10*s.* for books. Vacations, 8 weeks. Head Master, Henry Jackson, and an assistant Master.

† \* \* † HEREFORD, CATHEDRAL SCHOOL. Founded before 1385; statutes date from 1636. Supposed founder, Bishop Trilleck. Endowment, 75*l.* per annum, together with separate Scholarships and Exhibitions, amounting in all to 1,000*l.* per annum. Education to about 75 boys, of whom 25 are boarders; 12 choristers and 4 Dean's Scholars are on the Foundation, and receive a free education. School fee, for day-scholars, 12*l.* 12*s.*; inclusive terms for boarders, 60*l.* to 70*l.* per annum. There are 2 Scholarships of 60*l.* and 4 of 45*l.* per annum at Brasenose College, Oxford; 12 Exhibitions of 40*l.* and 50*l.* per annum at St. John's College, Cambridge; 3 School Exhibitions of 50*l.* per annum, tenable (with a Scholarship) at Brasenose. Head Master, the Rev. F. H. Tatham, M.A. Cambridge, with several Assistant Masters. Master of Lower School, Rev. J. Brown, B.A.

‡ The Choristers at Hereford Cathedral receive a free education at the Cathedral School, and are admitted as boarders at greatly reduced terms. Information respecting the Choristerships may be obtained from the Head Master, or from the Chapter Clerks.

\* HEREFORD, CHANDOS HOUSE SCHOOL. Established 1865, at the Gate House. 60 pupils are prepared for the learned Professions, the Public Schools, or Agricultural and Commercial pursuits. The school is semi-Classical, Latin and French being obligatory, and Greek an optional subject. Boarders, 36 and 45 guineas, and day-pupils 9 and 12 guineas per annum. Head Master, the Rev. William Bowell, M.A., Trinity College, Dublin, and 2 resident Masters.

\* HEREFORD, THE PROPRIETARY SCHOOL, BARR'S COURT. The subjects of instruction are those necessary for a sound general education for Agricultural or Commercial pursuits. In addition to English subjects, Latin, Greek, French, Land-Surveying, and Natural Science are taught. Pupils are prepared for the Cambridge Local Examinations and the London University. Examinations are held each term, and an annual Examination for prizes at Christmas. The school year is divided into 3 terms. Scale of charges: boarders, 30 to 36 guineas per annum; day-boarders, 15 to 18 guineas per annum; day-pupils, 6 to 9 guineas per annum. Head Master, Hargreaves Heap, First Bachelor of Science of London University.

HEREFORD, THE ACADEMY, EAST STREET. Instruction in Latin, Greek, French, Land-Surveying (practically), and Natural Sciences, to 30 boarders and 50 day-pupils. Fees: boarders, from 25 to 35 guineas (inclusive); day-pupils, from 5 to 10 guineas (inclusive) per annum. Half-yearly examinations. Vacations: Midsummer, 6 weeks; Christmas, 6 weeks; Easter, 1 week. Master, James Pembridge, and 2 assistant Masters.

HERNE BAY (*Kent*), COLLEGE HOUSE. The subjects for study are the

English, French, German, and Latin Languages, Arithmetic, and Book-keeping, the elements of Natural Philosophy, Phonetic Shorthand, Drawing, etc. Inclusive terms for boarders, from 30 to 42 guineas per annum. Principal, J. B. Turner, assisted by efficient Masters.

HEREFORD. HEREFORD COUNTY COLLEGE is a development of the Hereford Proprietary School. Head Master, the Rev. T. A. Stoodley, M.A., St. Mary's Hall, Oxford.

\* HERTFORD, GRAMMAR SCHOOL. Founded 1617, by Richard Hale. Endowment, 40*l.* per annum, with house. Instruction in Classics, Mathematics, Modern Languages, and English course to 70 boys, of whom 21 are boarders; no free scholars. Fees: day-scholars, 6 to 8 guineas; boarders, 30 to 40 guineas. Pupils prepared for Matriculation at London University. Examiners from University, appointed by the patron, Earl Cowper. Vacations, 12 weeks. Head Master, J. B. Wohlmann, B.A., with 2 assistant resident and 1 non-resident Masters.

HEVERSHAM (*Westmoreland*), GRAMMAR SCHOOL, near MILNTHORPE (*1st Grade*). Founded A.D. 1619; New Scheme, A.D. 1875. Original endowment, 68*l.*, mortgaged for new buildings, recently erected at a cost of 9,004*l.* A first-grade school, preparing for the Universities, etc. 97 boys in school, 72 of whom are boarders. Tuition fee, 12*l.*; boarding fees, 45 and 50 guineas per annum. Age of admittance, limited by scheme, between 8 and 19 years. 2 Scholarships, of 45*l.* per annum, to Oxford and Cambridge, and 1 of smaller value. Competes with Leeds and Halifax for Milner Scholarships at Magdalen College, Cambridge, and with other schools for Hastings Exhibition. Examinations conducted by the Syndicate of the University of Cambridge. 3 term school. Vacations, 13 weeks. The Rev. Dr. Whewell, late Master of Trinity College, Cambridge, was a pupil at this school. A life-size portrait of Whewell, originally in the hall of Trinity College, is now possessed by the school. Head Master, Rev. W. Hart, M.A., LL.D., St. John's College, Cambridge, with 4 resident and 3 visiting Masters.

\* HEXHAM (*Northumberland*), ROYAL GRAMMAR SCHOOL. Founded by Royal Charter of Queen Elizabeth in 1599. Endowment, 20*l.* per annum. Instruction in Classics, Pure and Mixed Mathematics, French, English, and Drawing, to 60 boys (none free); the sons of parishioners pay 3*l.* and 4*l.* per annum; others, 6*l.* Vacations, 10 weeks. Head Master, vacant, and 1 assistant Master.

HICKLING (*Nottinghamshire*), near MELTON MOWBRAY, WEIR HOUSE ACADEMY. The plan of instruction in this establishment is formed with a view to the healthy development of the intellectual faculties and the right formation of character. The routine of studies comprises English in all its branches, Mensuration, Surveying, Drawing, the Latin Language, etc. Terms: for boarders, from 18*l.* to 22*l.* per annum; day-pupils, from 3*l.* to 4*l.* per annum. Principal, F. Featherstone, M.R.C.P.

HIGHAM FERRERS (*Northamptonshire*), GRAMMAR SCHOOL. Founded 1412, by Archbishop Crichley. Endowment, 10*l.* per annum and house. Elementary English to 40 boys. Head Master, vacant, in prospect of a new scheme.

HIGHBURY. See LONDON, N. DISTRICT.

† HIGH ERCAL (*Salop*), FREE GRAMMAR SCHOOL. Founded 1653, by Thomas Locke. Endowment, 99*l.* per annum and house. Instruction in Latin and English course to 24 Foundationers, and 28 others, paying 4 guineas per annum. Principal, the Rev. C. H. Hogg, M.A., and assistant Masters.

HIGHGATE. See LONDON, N. DISTRICT.

HIGHGATE SCHOOL. See Part V., PUBLIC SCHOOLS.

HIGH HARROGATE (*Yorkshire*). See HARROGATE.

† HIGH WYCOMBE, ROYAL GRAMMAR SCHOOL. Founded 1538, by Sir John Peckham. Endowment, 700*l.* per annum. Instruction in Classics, Mathematics, French, German, and Drawing, to 50 boys and 10 boarders, from 7 years old. Examiners from University. Vacations, 12 weeks. Head Master, Geo. Peachell, M.A., Wrangler, St. John's College, Cambridge, and assistant Masters.

\* HILLSIDE, GODALMING (*Surrey*). A limited number of pupils of the higher class from 9 to 14 years of age, are prepared for Eton, Winchester, Charterhouse, Harrow, and other Public Schools. The year is divided into the usual 3 terms. Fees for boarders 100 guineas per annum each. The house stands close to Charterhouse School. The number of boys is between 40 and 50. The course of instruction comprises Greek, Latin, Mathematics, English and French, with Elementary Science and History. German, Music, and Drawing extra. The vacations are the same as Charterhouse. Head Master, Arthur M. Curteis, M.A., late Fellow of Trinity College, Oxford, with resident and non-resident assistant Masters.

HINCKLEY (*Leicestershire*), HINCKLEY GRAMMAR SCHOOL (3*rd* Grade). Instruction is given in the following subjects : English, Latin, Greek, French, Mathematics, Natural Science, Chemistry, Heat, Light, Electricity and Magnetism, Drawing, Vocal Music, Drill. The school year consists of 3 terms, with holidays at Midsummer, 6 weeks; Christmas, 4 weeks; Easter, 2 weeks. By way of Scholarships tenable at the school, the Governors grant exemptions from payment, total or partial, of tuition fees, for such periods and on such conditions as they think fit. Boys to whom such exemptions are granted are called Foundation Scholars. The Governors establish Exhibitions, tenable at a place of higher education (Public Schools or Universities), selected and approved by them. Head Master, Rev. A. Law Watherston, M.A., with 3 assistant Masters.

\* HINGHAM (*Norfolk*), THE HINGHAM ENDOWED SCHOOL. Founded by William Parlett, of Hingham, in 1727, and reconstructed under the High Court of Chancery in 1856. Endowment, 220*l.* per annum. The instruction afforded in the school is in the principles of the Christian Religion; English, Mathematics, Latin and French Languages; Sciences. Pupils are prepared for the London University, also for the Cambridge and Oxford Local and other Examinations. Fees: for tuition, 4*l.* per annum; for board, 25*l.* to 35*l.* per annum. Head Master, Thomas Spencer Turner, with 1 assistant Master.

† HITCHIN (*Herts*), FREE SCHOOL. Founded 1622, by John Mattocke. Endowment, 144*l.* per annum, with house. Instruction in Classics, French, Mathematics, and English course, to 72 boys, of whom 46 are Foundationers. Head Master, vacant, in prospect of a new scheme.

\* **HITCHIN, BANCROFT HOUSE SCHOOL.** Established 50 years. Commercial and Agricultural education, with Latin, French, and German. Boarders pay 30 to 40 guineas per annum; day-pupils, 6 to 10 guineas per annum. Candidates prepared for the Civil Service, the Oxford and Cambridge Local, and other Examinations. Vacations, 13 weeks. Head Master, John Durrant, with 2 resident and 5 non-resident Masters.

\* **HITCHIN, HAGDELL HOUSE CLASSICAL AND COMMERCIAL SCHOOL.** In the Commercial Section the following subjects are taught: English, Arithmetic, Land-Surveying, Penmanship, Book-keeping, and Mapping. Terms: boarders, 27 guineas per annum; daily pupils, 6 guineas per annum. In the Classical Section, Latin, Greek, Mathematics, and Drawing. Terms: boarders, 30 guineas per annum; daily pupils, 9 guineas per annum. Principal, Rev. J. A. Comfort.

**HITCHIN, THE WOODLANDS.** Boarding school for boys, conducted and mainly supported by members of the Society of Friends. The school is divided into 4 classes, and the teaching is so arranged that each class comes under the daily tuition of the Principals. Throughout the school, but especially in the Junior Classes, care is taken to impart the elements of a sound English education. Especial attention is paid to the study of French and German. Natural Science and Natural History are taught. The vacations given are, 4 weeks at Christmas, 2 weeks in April, and 6 weeks in summer. Fees: for boarders, from 60 to 67 guineas per annum. Principals, Joseph P. Drewett and Cranston Woodhead, with assistant Masters.

† **HIPPERHOLME (Yorks), HIPPERHOLME SCHOOL, near HALIFAX.** Founded in 1661, by M. Broadley. Endowment, 212*l.* First-grade, semi-classical school. Specialty, Technical Science and Modern Languages. Terms: day-boys 6*l.* 6*s.* per annum; boarders, 42*l.* per annum. Privileged to send candidates for Hastings Scholarships. Head Master, J. H. Stork, M.A.

**HODDESDON (Herts), HODDESDON GRAMMAR SCHOOL, "BURFORDS."** This school was originally endowed by Queen Elizabeth in 1559, but there is now no endowment, and it is now a private school. The course of instruction is practical in its character, and adapted for the Public Schools, Army, Navy, Civil Service, Commerce, Agriculture, Engineering, etc. The charge for board and education is 40 guineas per annum. An examination takes place twice a year, at Christmas and at Midsummer. There is a Preparatory School in connection. There are 2 small Scholarships still extant in connection with St. John's, Cambridge, about 20*l.* Up to 1873, 54 certificates, 23 in honours, had been obtained at the University Locals. Principal, F. A. Hooper, M.A., 3 resident and 4 visiting Masters.

**HODDESDON (Herts), THE GRANGE.** Founded 1855. Preparation for Public Schools, chiefly Eton and Harrow. The Languages taught are Latin, Greek, English, French. Average number of pupils 28, boarders only. Examinations take place at end of each term by the Masters; every boy is examined on entering Public School, by Public School authorities. Vacations: 4 weeks at Easter, 6 from beginning of August, 4 weeks at Christmas. Head Master, Rev. C. G. Chittenden, 3 resident assistant Masters, and 3 non-resident.

\* HOGHTON (*Lancashire*), MINTHOLME COLLEGE WITH RAVENSWING, near PRESTON. Pupils prepared for Legal, Medical, University, Public Examinations, Commercial life, and Oxford and Cambridge Locals. 37 certificates have been gained at this school up to 1873. Instruction in English in all its branches, pure Mathematics, advanced Arithmetic, Algebra, Geometry, Trigonometry, Mechanics, Chemistry, General Sciences, Latin, Greek, French, German, Piano, Harmonium, Drawing, Calisthenics, and Drill, etc. Terms: for boarders, 32 to 40 guineas per annum each; special arrangements for older students, and a few extras. Principals, Messrs. Pringle and Stewart, with assistant Masters.

HOLBEACH (*Lincolnshire*), HOLBEACH GRAMMAR SCHOOL (*2nd Grade*). Liberal and practical education. The year is divided into 3 terms. Fees: 2 to 3 guineas per term, according to age. The scheme provides for Exhibitions to be held for 3 years at some place of higher education, to be competed for by boys who have been at least 2 years at the school. Boarders taken by the Head Master, Rev. R. A. Ram, M.A., late Scholar, C.C.C. Cambridge.

HOLLOWAY. See LONDON, N. DISTRICT.

HOLT (*Norfolk*), GRESHAM GRAMMAR SCHOOL. Founded 1554, by Sir John Gresham. Endowment, over 600*l.*, and house for Head Master. The Worshipful Company of Fishmongers, London, are the Governors. Instruction in Classics, Mathematics, English subjects generally, Modern Languages, and Drawing, to about 70 pupils, 50 of whom receive a free education. Pupils admitted above 8 years of age on the nomination of two of the visitors, or by order of the Governors. Has 1 Exhibition of 20*l.*, tenable at any University. Examinations half-yearly by the visitors. Vacations, 4 weeks at Christmas, 6 at Midsummer, 2 weeks at Easter. Head Master, Rev. R. J. Roberts, M.A., and 3 assistant Masters.

HOLYBOURN (*Hants*), FREE SCHOOL. Founded 1717, by Thomas Andrews. Endowment, 195*l.* per annum. Instruction in English and Latin course to 62 boys (all free).

† HOLYWELL (*Flintshire*), BRYNFORD HOUSE GRAMMAR SCHOOL. Date of foundation unknown. Endowment, 4*l.* 15*s.* per annum. Instruction in English and Classics, if required, to 6 free scholars. Head Master, W. T. Cole.

HOMERTON. See LONDON, E. DISTRICT.

HONITON (*Devon*), ALLHALLOWS GRAMMAR SCHOOL. Founded in 1640, by the Rev. John Heay. Endowment, 10*l.* per annum, and house. Instruction in Classics, Mathematics, German, French, English, to 140 boys, 120 being boarders, paying 35 to 45 guineas per annum; day scholars pay 10 guineas each. Examinations half-yearly. Vacations, 13 weeks. Head Master, Rev. R. A. Byrde, M.A., Queen's College, Oxford, late assistant Master Merchant Taylor's School; resident assistant Masters.

HONITON, PORTLAND HOUSE. The course of study includes English in all its branches, Algebra, Geometry, and Book-keeping, Ancient and Modern History, French, Latin, and Vocal Music. Terms: for boarders from 18 to 20 guineas per annum. Principal, the Rev. W. Evans Foote



† \* **HORNCASTLE** (*Lincolnshire*), **QUEEN ELIZABETH'S FREE GRAMMAR SCHOOL** (*2nd Grade*). Founded 1561, reconstituted in 1878, by Lord Clynton Laye. Endowment, 380*l.* per annum, with house and field. Instruction in Classics, Mathematics, French, and English, to boys paying from 5*l.* to 10*l.* per annum; board, 40*l.* Head Master, the Rev. J. A. Chalmers, M.A., with resident assistant Masters.

**HORNSEY.** } See LONDON, N. DISTRICT.  
**HOXTON.** }

**HORSHAM** (*Sussex*), **FREE GRAMMAR SCHOOL**. Founded by Richard Collyer, A.D. 1540. Rebuilt 1840. Endowment, 540*l.* per annum. Trustees, the Mercers' Company of London. 80 boys are instructed in English course, all being Foundation Scholars. Acting Head Master, Richard Cragg.

**HORTON** (*Yorkshire*), **GRAMMAR SCHOOL**, near **SETTLE**. Founded 1715, by John Armitstead. Endowment, 214*l.* per annum, with house and land. Instruction in English and Classics to 60 boys. Head Master, the Rev. W. B. Tomlinson, B.A., and 1 assistant Master.

¶ **HORLEY** (*Surrey*), **HORLEY GRAMMAR SCHOOL**. The course of instruction comprises a sound English Education, Mathematics, and the Latin and French Languages; Greek is taught when desired. Terms: for boarders, from 32 to 42 guineas per annum. Principal, E. G. Sadler.

**HORSTED, LITTLE** (*Sussex*), **THE RECTORY**. A few pupils received and educated with his own sons for the Public Schools. The regular course of instruction comprises Latin, Greek, French, and a sound English education. Terms: for board and education, from 81 to 105 guineas per annum. There are 3 vacations in the year, consisting of 7 weeks at Midsummer, 5 at Christmas, and 2 at Easter. Principal, the Rev. A. W. Warde, M.A. Christ Church, Oxford.

**HOUGHTON-LE-SPRING**, near **DURHAM**, **ROYAL KEPIER GRAMMAR SCHOOL**. Founded by Royal Charter of Queen Elizabeth, 1574. Endowment, 180*l.* per annum. The scheme of education is twofold,—Professional and Commercial,—but every boy is taught the elements of Latin, all are taught French, and considerable attention is paid to Chemistry, Physiology, and the elements of Physical Science, and a thorough mastery of the principles of Arithmetic. The course of studies in the Professional Department embraces the Greek and Latin Classics, with French and German and Mathematics; in the Commercial Department, French and German, the elements of Latin, Mathematics, Book-keeping, and Land-Surveying. There are 70 boys, 6 of whom are free, and 50 boarders, paying from 40 to 50 guineas per annum; day-boarders, 16 guineas; and day-pupils, 8 guineas per annum. 3 special prizes, of 5 guineas each, are given annually, by the Most Noble the Marquess of Londonderry, Richard L. Pemberton, Esq., and the Right Honourable Viscount Castlereagh. For Arithmetic, a special prize of 2 guineas, and another of 1 guinea, are given by Sir George Elliot, Bart., M.P., Houghton Hall; and two 2 guinea prizes are offered for competition in Latin and English by Mr. Arthur E. Walker (an old Kepier pupil), Huddersfield. An Exhibition of 24*l.* per annum, tenable for 3 years at any English University, has been added to the Foundation, mainly by the efforts of

the old pupils. The appointment is in the hands of the Governors. Trustees : the Most Noble the Marquess of Londonderry, the Hon. and Rev. J. Grey. Governors : R. L. Pemberton, Esq., the Right Hon. Viscount Castlereagh. Head Master, the Rev. A. Bennett, B.A. London, and 5 assistant Masters.

HOUGHTON CONQUEST (*Bedfordshire*), GRAMMAR SCHOOL. Founded by Sir F. Clarke, Bart., the great benefactor to Sydney Sussex College, Cambridge. Endowment, 16*l.*, and house. Head Master, vacant, in prospect of a new scheme.

HOUNSLOW (*Middlesex*), MALVERN HOUSE ACADEMY. Established 1851. A thorough Commercial education (English, French, and Music) is given to 18 boarders, who pay from 20 to 30 guineas each, and 12 day-pupils, who pay 4 guineas and upwards per annum. Vacations, 8 weeks. Principal, Charles Hidden, assisted by visiting Professors.

HOUNSLOW, SYDNEY HOUSE COLLEGIATE SCHOOL. A general course of instruction is given at this School, and pupils are prepared for the Army, the Public Schools, the Civil Service, the various professions, and higher mercantile life ; the curriculum embracing Greek, Latin, Mathematics, German, French, Science, English, with all the other essentials of a liberal education. The fees are from 12 guineas to 21 guineas a year, Music, Hebrew, and Drawing being extras. Pupils residing at a distance can dine with the Principal at 3 guineas a term. Principal, E. D. Price, F.G.S.

HOYLAKE (*Cheshire*), THE GROVE SCHOOL. Removed from Liverpool, where it existed for many years. The course of instruction comprises Classics, Mathematics, Modern Languages, History, Geography. Natural Science, and the essentials of a good Commercial education. Pupils are prepared for the Public Schools, and for the Oxford and Cambridge Local Examinations, which several have successfully passed. Number limited to about 20. Terms : for boarders, 52 guineas per annum ; day-pupils, from 12 to 16 guineas per annum. Vacations, 6 weeks, Midsummer ; 5 weeks, Christmas. Head Master, Rev. R. G. Soper, B.A., with resident assistant Masters and non-residents, according to requirement.

† HOWDEN (*Yorkshire*), FREE GRAMMAR SCHOOL. Endowment, 30*l.* per annum. Instruction to 30 boys (12 on Foundation) in English course, and in some instances French and Latin. Head Master, the Rev. W. Hutchinson, M.A.

\* HUDDERSFIELD (*Yorkshire*), HUDDERSFIELD COLLEGE. Instituted (1838) for the purpose of affording, at a moderate expense, a superior Collegiate and Commercial education upon a Scriptural basis. The course of study includes the Scriptures, the English, French, German, Latin, and Greek Languages, Arithmetic, Mathematics, Natural Science, and Political Economy. The fees for tuition are 6, 8, 10, or 12 guineas per annum, according to class. The holidays are 6 weeks at Midsummer, a month at Christmas, and a week at Easter. The College being affiliated to the University of London, all pupils of 2 years' standing are entitled to compete for the Scholarships, Exhibitions, Medals, and Prizes of that University, and also to present themselves for Examination for the

various Degrees in Arts, Laws, and Science. Up to 1873, 147 certificates had been obtained at the University Locals, 84 in honours. Scholarships: 1. A Scholarship (biennial) of the annual value of 40*l.*, tenable for 2 years at one of the British Universities; 40*l.* will be paid after Matriculation, and 40*l.* after the intermediate Examination has been passed, provided this be done within 18 months after Matriculation. 2. The Old Boys' Scholarship (triennial) of the annual value of 40*l.*, tenable for 3 years at any British University or High School of Literature and Science. Exhibitions: 2 Exhibitions (annual) of the value of 10*l.* each, in connection with the Local Examinations of the University of Cambridge. Medals, etc.: the "Carlisle" Gold Medal, value of 5*l.*; a prize of the value of 2*l.* 2*s.* for the essay next in merit; a gold medal of the value of 5*l.*; 2 silver medals of the value of 3*l.* and 2*l.* respectively; 2 silver medals of the value of 3*l.* and 2*l.* respectively; a silver medal, value 2*l.* 2*s.*; a silver medal, value 2*l.* 2*s.*; a silver pen, or gold pen in case, value 2*l.* 2*s.*; a prize of 5*l.*; rewards to the value of 3*l.*; a book of the value of 1*l.* 1*s.*; 2 prizes of books of the value of about 3*l.* and 2*l.* respectively. Class prizes of books are awarded every Midsummer. Certificates of merit and certificates of honour. Boarders are received by the Principal at the College; by Mr. Fairweather, Mountjoy House, immediately opposite the College; and by Mr. French, at Elmfield House, in close proximity to the College. Principal, Rev. R. Harley, F.R.S., and 12 assistant Masters.

† \* HUDDERSFIELD, HUDDERSFIELD COLLEGIATE SCHOOL. This school was founded for giving a high-class education, and is under the patronage of the Right Hon. the Marquis of Ripon, Earl Dartmouth, and others. For several years past it has maintained a high character in the University Examinations, and as a Commercial School was declared by the Examiners this year to be especially good. Accommodation for about 300. Boarders as well as day-scholars are received at moderate terms. Vacations, 13 weeks in the year. Principal, Rev. F. J. Richards, M.A.; Vice-Principal, the Rev. R. Oldfield, B.A., and 7 assistant Masters.

\* HULL (*Yorkshire*), HULL AND EAST RIDING COLLEGE. The general course of education is based as nearly as possible upon the system pursued at the most successful modern Proprietary Colleges, and offers a sound liberal education in Classics and Mathematics; ample provision is also made for the requirements of those pupils who are intended for the Indian and Civil Service, the Military, Naval, or learned professions, the University Middle Class Examinations, or for Commercial pursuits. Facilities are afforded to those to whom a thorough knowledge of French, German, and other Continental Languages may be especially desirable. The following system of work has been carefully drawn up to meet the requirements of such a scheme of education. The year is divided into 3 terms. The vacations are 6 weeks at the end of July, 3 weeks at Christmas, and 3 weeks after Easter. For boys under 10 years of age the yearly fee is 9 guineas; for boys between 10 and 17, 12 guineas; for older boys, 15 guineas. Special importance is attached to Science and Modern Languages. Prizes for proficiency in special subjects are given annually by friends of the College. Boys proceeding to Oxford or Cambridge are eligible to compete for 3 Scholarships, each of the value of 50*l.* per annum, and tenable for 3 years. The College is centrally situated in

Park Street, and has accommodation for 300 boys. Boarders are received by the Principal at 4, Crown Terrace, Anlaby Road. Terms on application. The following successes have been gained by pupils: 22 open Scholarships and Exhibitions at Oxford and Cambridge; 2 Entrances into Royal Military Academy, Woolwich; 2 Entrances into Royal Engineering College, Cooper's Hill; 10 Leaving Certificates from the Oxford and Cambridge Joint Board; 5 Pupils have passed in Honours the Matriculation Examination of the University of London; 4 have passed the Government Examination for Engineer Students, including the First on the List in 1880 and 1881; 88 have passed the Oxford Local Examinations. President, the Most Noble the Marquis of Ripon, K.G. Principal, Francis Bond, M.A., F.G.S., Exhibitioner in History at New College; Senior Scholar in Classics at Lincoln College, Oxford; First Class in Classics in Moderations. Vice-Principal, Robert Pickett Scott, B.A., Mathematical Exhibitioner and English Prizeman at King's College, Cambridge; Members' University Prizeman for English Essay; 1st B.A. of the University of London, assisted by an efficient staff of Masters.

\* HULL, THE GRAMMAR SCHOOL. Founded 1486, by Bishop Alcock. Endowment, 30*l.* per annum. Instruction in Classics, French, German, Mathematics, etc., to nearly 250 boys, of whom sons of voters for borough who pay 4, and others 6 guineas per annum, for Classics and English course. Has 1 Exhibition, tenable 3 years at Clare College, Cambridge. Head Master, S. C. Logan, M.A., and 10 assistant Masters.

HULL, LANSDOWNE SCHOOL. Instruction in Classics, Modern Languages, etc., 40 boys, paying for board and tuition from 25 to 35 guineas per annum. Vacations, 9 weeks. Principal, George Kidson, with resident assistant Masters.

\* HULL, SIDNEY HOUSE, COLLEGIATE AND COMMERCIAL SCHOOL, PRYME STREET. The routine of study is based upon the requirements of the Cambridge University Local Examinations. A thoroughly sound and comprehensive Commercial education is imparted to every pupil. Principal, E. B. Marony, and 5 assistant Masters.

HUMBERSTONE (*Lincolnshire*), FREE SCHOOL. Founded 1708, by Matthew Humberstone. Endowment, 400*l.* per annum. See CLEE.

HUNGERFORD (*Berkshire*), GRAMMAR SCHOOL. Founded 1635, by Thomas Sheaff. Endowment, 20*l.* per annum. Instruction, to 40 boys, of whom 30 are boarders and 9 are on Foundation, in Classics and English. Head Master, Edward Hives.

HUNSONBY (*Cumberland*), FREE GRAMMAR SCHOOL. Founded in 1726, by J. Hutchinson. Endowment, 75*l.*, and house. Instruction in English course. Head Master, Adam Dryden.

\* HUNTINGDON, THE GRAMMAR SCHOOL. Founded in the reign of Elizabeth. Endowment, 100*l.* The system adopted aims not merely at the acquirement of knowledge, but at the possession of the habits of method, order, and diligence, the perfect and conscientious discharge of duty, which, of a well-trained boy, will make a respected and in the highest sense a successful man. The school is open to all boys of the age of 7 years and upwards, who are able to read and write. Boys attending



the school from the town of Huntingdon pay 1*l.* 1*s.*; boys from other places, 6*l.* 6*s.* per annum. The charge for boarders, including the above tuition fees, varies from 40*l.* yearly. The school year is divided into 4 quarters. The holidays consist of 7 weeks at Midsummer, 4 weeks at Christmas, 10 days at Easter, and 1 week at Michaelmas. The scheme provides for the instruction of the Greek and Latin Languages and Literature, the principles of Natural Philosophy, Land-Surveying, Mathematics, general English, Sacred and Profane History. Boys destined for business are taught the elements of Book-keeping, and practised in the writing of Commercial Letters in English and French. Instruction in Mechanical Drawing prepares for Civil Engineering. Boys intended for the great Public Schools are prepared for entrance Scholarships and admission at Eton, Harrow, Rugby, Winchester, Marlborough, etc. Special attention is given to students preparing for the Universities, the Competitive Examinations, for the Army, and for all branches of the Civil Service, Naval Cadetships, and the Preliminary Law and Medical Examinations at the Law Institution, Apothecaries' Hall, and College of Surgeons. Pupils are sent in for the Cambridge Local Examinations (Cambridge Centre), and a University Examiner is annually appointed by the Trustees. Prizes are awarded to proficient pupils, in accordance with the judgment of the Examiner and Head Master. Head Master, Rev. Frederick W. Crick, M.A., late Scholar of Pembroke College, Cambridge, Senior Optime.

HUNTINGDON, COWPER'S HOUSE SCHOOL. Established 1849. The Commercial course comprises English, Book-keeping, with Mercantile correspondence, Land-Surveying, and Science. Terms: for boarders, 20 guineas per annum; for day-pupils, 6 guineas per annum. The Classical course includes the Greek and Latin Languages, with Grecian and Roman History. The Mathematical course comprises Algebra, Geometry, Trigonometry, Mechanics, and Elementary Conic Sections. Terms: for boarders, 28 guineas per annum; for day-pupils, 8 guineas per annum. The year is divided into 3 terms. Principal, William Bryant, M.C.P., with resident assistant Masters.

HURSTPIERPOINT (*Sussex*), ST. JOHN'S MIDDLE SCHOOL. Founded in 1849, by the Rev. N. Woodard, in connection with St. Nicolas' College, Lancing. A sound general course of education, on Church principles, with Latin, Greek, French, German, and Mathematics, is given to 200 boarders and 10 day-pupils, who may be admitted at the age of 8. 22 Scholars are admitted at reduced charges. Fees for boarders are from 30 to 45 guineas per annum. There are Exhibitions of 50*l.* each, in 3 yearly payments, tenable at the University, or elsewhere. Two Exhibitions of 30*l.* a year are given to those who win open Scholarships at either University. Examinations in April by Examiners from the 2 Universities. Vacations, 6 weeks at Christmas, 7 in August and September. Head Master, the Rev. C. E. Cooper, M.A., the Rev. H. H. Bell, B.A., Chaplain, with 8 resident Masters.

HUYTON (*Lancashire*), near LIVERPOOL, THE COLLEGE SCHOOL. Re-established in 1869. Preparation for Legal Preliminary Examinations, Local Examinations, College of Preceptors, Sandhurst, Civil Service, London University Matriculation, College of Surgeons Preliminary Examination. Vacations, 11 weeks. Annual fees, according to age: for



day-pupils, from 12 to 20 guineas; for boarders, from 50 to 80 guineas. Principal, the Rev. B. A. W. Norrie, M.A., Graduate in Honours, of Trinity College, Cambridge, and a resident assistant Master.

## I & J.

ILFORD, LITTLE ILFORD (*Essex*), SEATON HOUSE SCHOOL, MANOR PARK. Established 25 years. The same system of education as at the great Public Schools. Boarders, from 30 to 40 guineas per annum; day-boys, 6 guineas per annum. Principal, Fitzherbert J. Williams, of the University of Durham.

ILKLEY (*Yorkshire*), CORRIE GHYLL, WELLS ROAD, PREPARATORY SCHOOL FOR THE SONS OF GENTLEMEN. Boys between 7 and 14 years of age are prepared for the Public Schools. Terms: for boarders, 60 guineas per annum. These terms comprise instruction in English, French, Latin, Greek, Mathematics, Freehand Drawing, and Vocal Music. The year is divided into 3 terms, the vacations being regulated by those of the Public Schools. Principal, Mrs. Carmichael, assisted by a resident Classical Tutor.

\* ILKLEY, THE HIGH SCHOOL. Pupils are prepared for Matriculation at the London University, for the Middle Class, Civil Service, and Preliminary Law and Medical Examinations, and for Professional and Mercantile pursuits. Examinations annually. Terms: for boarders, from 28 to 32 guineas; day-boys, from 6 to 8 guineas per annum. Principal, William Mercer, B.A., Cambridge, assisted by resident and visiting Masters.

ILKLEY, BURNSIDE SCHOOL. Established 1852, as Ousegate School, Selby; removed to Ilkley 1877. Instruction in Classics, Mathematics, French, German, and Science, to about 30 boarders, at terms from 48 to 54 guineas per annum. Vacations, 13 weeks. The school year is divided into 3 terms. Principal, Richard Taylor, and a staff of assistant Masters.

† ILKLEY, ILKLEY SCHOOL (*2nd Grade*). Founded 1607, by W. Marshall. Endowment, 63*l.* per annum. Has for the last century been conducted as the Elementary School of the parish, but will be raised to a useful and respectable school by the scheme of the Endowed School Commissioners. Head Master, vacant, in prospect of a new scheme.

\* ILMINSTER (*Somerset*), ILMINSTER GRAMMAR SCHOOL (*3rd Grade*). Founded A.D. 1549. The subjects of instruction are English, Arithmetic, Mathematics, Latin, French, Science, Drawing, and Vocal Music. No boy is admitted under 7 years of age, and no boy remains in the school after the age of 16. Entrance fee, 10*s.*; tuition fees, from 3*l.* to 5*l.* per annum. 2 of the school terms are of the length of 13 weeks each, and the third of 14 weeks. The school is worked in 2 divisions, an upper and lower. In the upper division the boys are prepared for the Science and Art Department, the Oxford Local, and other similar Examinations. There is an annual Examination at Christmas, by an Examiner appointed by the Governors. Head Master, W. J. Woodward, M.A., Oxon, and 2 assistant Masters.

**INCE BLUNDELL** (*Lancashire*), near LIVERPOOL, BOYS' MIDDLE CLASS SCHOOL. Established 1871, for the sons of tenant farmers, by Thomas Weld Blundell, Esq. Instruction in English, Latin, and Greek if required, to 16 pupils, at from 4*l.* to 5*l.* per annum. Vacations, 1 week at Easter, 4 at Midsummer, 1 at Michaelmas, and 2 at Christmas. Head Master, T. N. Morton, with assistant Masters.

**INVERNESS** (*Scotland*), ROYAL ACADEMY. Incorporated by Royal Charter. Endowment, 170*l.* This school, established in 1792, for the purpose of supplying the higher education to the inhabitants of Inverness and surrounding country, and to prepare for Universities and Commercial life. Instruction in Latin, Greek, French, German, and English subjects. The present arrangements were completed in 1865, by the erection of a new building for the Ladies' Department, which has enabled the Directors to effect the entire separation of the boys' and girls' classes, and to adapt the course of instruction for each to their respective requirements. Number of pupils, from 250 to 300. The fees are moderate. There are 2 Exhibitions, each tenable for 4 years, of the annual value of 22*l.* 10*s.* and 25*l.* Examinations about the beginning of July, by University Professors. Vacations, 8 weeks at Midsummer, and 2 at Christmas. Rector, W. Eadir, M.A., and 7 Masters, Lady Superintendent, and 2 Governesses.

**INVERNESS, HIGH SCHOOL.** Established 1844. Thorough English and Commercial education, including Latin, Greek, French, German, Mathematics, Literature, Physical Geography, and Geology, is given to 252 pupils, all day-scholars, and who are admitted at any age. Has the Davidson Bursary of 12*l.*, tenable for 1 year. Government Examination in November; Public Examination in June. Vacations, 7 weeks in Summer, and 2 at Christmas. Rector, Thomas D. Wallace, 9 regular Assistants, and 4 visiting Teachers.

**INVERNESS, NORTHERN COUNTIES COLLEGIATE SCHOOL.** This school has been established for the purpose of providing for the sons of gentlemen resident in the Northern Counties a thoroughly good and liberal education at a moderate cost. The general constitution and discipline are based, as nearly as possible, upon the model of the great Public Schools. The course of instruction is similar in every respect to that given in these Institutions, and has special reference to preparing the pupils for the Universities, for the Examinations for the Army and Navy, the Home and Indian Civil Service, and the Indian C.E. College, and also for Mercantile and Professional life. The school is divided into Classical and Modern Departments; but from the first, thorough elementary instruction in all branches is given. Pupils are admitted between the ages of 7 and 14, on the nomination of shareholders. Each 100*l.* share confers a perpetual right to 2 nominations. For the convenience of non-shareholders a limited number of nominations may be rented from the Council at the rate of 4*l.* per annum each. Pupils are admitted either as day-boys or as boarders. The Head Master receives a limited number of boarders in his own house. Holidays: 2 weeks in April; 8 weeks from the end of July; and 3 weeks at Christmas. The tuition fees range from 15*l.* to 25*l.*; for board, from 55*l.* to 60*l.* per annum. Head Master, C. W. Bourne, M.A., late Scholar St. John's College, Cambridge, 26th Wrangler, and a staff of assistant Masters.

**\*\* IPSWICH (Suffolk), QUEEN ELIZABETH'S SCHOOL.** Founded by letters patent of Queen Elizabeth, 1565, confirming previous foundation of King Henry VIII. Reconstituted with increased income and funds in 1881. Under the new Scheme the buildings (the foundation stone of which was laid in 1851 by H.R.H. the late Prince Consort) have been greatly improved and enlarged; new class-rooms, laboratory, dormitories, and studies built; a gymnasium added. There is service daily in the chapel, and twice on Sundays. The school prepares directly for Universities, Army, Navy, Civil Services, and Professional Examinations, in all which it has been singularly successful. The education is both classical and modern: special preparation is given in all cases when needed. The limits of age are from 9 to 19. Boys are admitted after examination by Head Master. There is a preparatory department for boys over 7, under charge of a clergyman and a lady. The holidays are 4 weeks at Christmas, 3 weeks at Easter, and 7 weeks in summer. Fees for tuition are 15*l.* per annum, except in the Sixth Form, when they are 18*l.* Boarders are received in the School House at the rate of 60*l.* to 75*l.* per annum, according to age, inclusive of tuition fees. A reduction is made on brothers and sons of the clergy. Examinations take place at Midsummer by the Oxford and Cambridge Joint Examination Board. There are the following Scholarships, Exhibitions, and Foundation Prizes. Entrance Scholarships of 40*l.* and 30*l.* for boarders: Queen's Scholarships exempting from tuition fees for day-boys. Head Master's exemption from tuition fees for boarders. Pemberton Scholarships of 20*l.* open to all boys in the school between 14 and 16. Three Exhibitions of 50*l.* per annum for 3 years to Universities. Albert Scholarship of 30*l.* Ford Studentships at Trinity College, Oxford. Rigand Memorial Prize of 10*l.* 10*s.* Steward Memorial for Divinity. Sir E. C. Kerrison, Bart., late M.P. for East Suffolk; Lord Henniker, late M.P. for East Suffolk; the High Steward of the Borough, Sir Richard Wallace, C.B., M.P.; T. C. Cobbold, Esq., C.B., M.P., give annually prizes of 5*l.* 5*s.*; other prizes are given by the Governors and Head Master, and from the Prize Fund. Head Master, Rev. F. H. Browne, M.A., late Scholar, Wadham College, Oxford, assisted by a staff of 8 assistant Masters.

**IPSWICH, CHRIST'S HOSPITAL BOARDING SCHOOL.** Founded in 1555, by the Corporation and other Donors, for the cure and maintenance of 20 boys. There are at the present time the full number of Scholars on the Foundation, who are liberally educated, and in every way boarded and clothed at the expense of the endowments. The boys are drafted as vacancies occur from the day-school, containing 120 boys, who pay an annual fee of 2 guineas. Head Master of boarding school, Thomas P. Howe, M.C.P.; Head Master of day school, Wm. Pitt Crossley.

**\* IPSWICH, NORTHGATE SCHOOL.** Instruction in Classics, Mathematics, English, with Modern Languages. The course of studies embraces all the subjects required for the Oxford and Cambridge Local and other Examinations. Terms: boarders, 30 to 42 guineas per annum; day-scholars, 9 to 13½ guineas. Vacations, 13 weeks. Principal, J. E. Champness, with 5 resident and several visiting Masters.

**\* IPSWICH, OTLEY HOUSE SCHOOL.** Founded 1870. The education given is suited for those intended for Commercial pursuits, and includes French, German, Latin, and Music. Number of pupils, about 60, nearly

all boarders, who are admitted from the age of 8 upwards. Vacations, 13 weeks in the year. Principal, James Cheal, and 3 assistant Masters, resident.

\* IPSWICH, CLASSICAL AND COMMERCIAL SCHOOL, 8, LOWER BROOK STREET. The course of instruction includes the various branches of an English, Classical, and Commercial education. Many pupils have passed the Cambridge Local and other Public Examinations. Terms : for boarders, from 30 to 35 guineas per annum ; for day-pupils, from 8 to 10 guineas per annum. Principal, J. D. Buck, B.A.

IRTON (*Cumberland*). GRAMMAR SCHOOL. Founded 1716, by Henry Caddy. Endowment, 10*l.* per annum, is now supplied in aid of a National School in the same parish.

IRVINE (*Scotland*). IRVINE ACADEMY. The academy of the royal burgh of Irvine, established under Royal Charter, in 1814, has since that date been conducted in the interests of the higher education, and on the passing of the Education Act of 1872, its character as a higher class Public School was finally secured. The school is a mixed one, being attended by both boys and girls, though these are taught in separate divisions, and have special benches assigned them. By age and general progress the pupils fall naturally into three divisions—a Senior, a Middle, and a Junior. Upon these divisions the scale of fees is based. Again, from a grouping of the subjects taught—viz., 1. Linguistic (Classics, French, and German) ; 2. Mathematical (Geometry, Algebra, Arithmetic, Physical Science) ; and 3. The subjects usually known as English—there arise other 3 divisions, fairly independent of age, and determined mainly by subject. Quarterly written Examinations, conducted by means of printed papers, are held on all the subjects of the curriculum. Boarders are received by Mr. Monie, English Master, at his residence, Seaview Cottage, Irvine. The fees for day-scholars range from 14*s.* to 7*l.* per annum. Rector, Zachary M. H. Ross, M.A., and 5 assistant Masters.

\* \* ISLE OF MAN, KING WILLIAM'S COLLEGE. Founded 1833. Endowment, about 900*l.* per annum. Instruction in Classics, Mathematics, French, and German, to 195 boys, of whom about 166 are boarders, paying 35 to 45 guineas in the College ; in Master's houses, 55 to 80 guineas per annum. 4 Exhibitions of 45*l.* per annum, tenable for 4 years at the Universities ; 4 of 40*l.* per annum, for those intending to be clergymen, tenable at the Universities for 3 years, and in the Modern Church for 2 years ; 4 of 25*l.* per annum, and 6 of 10*l.* per annum, for Manx boys ; 6 of 10*l.* per annum, for the sons of Manx clergymen ; 5 of 20*l.* per annum, open to all others, tenable at the school itself. Vacations, 13 weeks. The Right Hon. W. E. Gladstone, M.P., visited this school in 1878. Principal, the Rev. Joshua Hughes-Games, D.C.L., Vice-Principal, the Rev. W. Heaton, M.A., and 9 assistant Masters.

¶ ISLE OF MAN, RAMSEY GRAMMAR SCHOOL. This is a good preparatory school for King's College and other large public schools. The school is divided into three classes. The subjects taught are Latin, Euclid, Algebra, Arithmetic, Mensuration, Land-Surveying, Book-keeping, and all branches of an English education. An open scholarship of 10*l.* is given annually. Terms : 30*l.* to 40*l.* per annum each. Principal, T. R. Kneale, B.A., Emmanuel College, Cambridge.



ISLE OF MAN, DOUGLAS, VICTORIA COLLEGE, VICTORIA ROAD. This school provides a liberal education to boarders and day-scholars. The year is divided into 3 terms. The fees for boarders are from 36 to 48 guineas per annum. These terms include an English, Classical, and Commercial education, with Drawing, Recitation, Vocal Music, Physical Sciences, and Elementary French. French, German, Drawing, Painting, Instrumental and Vocal Music are extras. Principal, Richard Farrell, B.A., LL.D., Trinity College, Dublin.

ISLE OF MAN, DOUGLAS, THE GRAMMAR SCHOOL. This school was founded some 20 years ago, for the purpose of giving a good, sound Commercial education. In connection with this school and the other Insular Grammar Schools, are 3 Scholarships, tenable in King William's College, and of the annual value of 10*l*. Mr. Cecil Hall, who founded the school has established a Scholarship of the same value, as also the Managers, tenable for 2 years in this school. The number of pupils at present is upwards of 80. The Head Master takes a few pupils to board with him, and superintends their studies carefully. Terms: for boarders, 40*l*. per annum; for day-boys, 6*l*. per annum (English and Classics, etc.); extra, French, 3*l*.; Drawing, 3*l*. The school is annually examined by gentlemen appointed by the Trustees of King William's College, and the Managers of the school the High Bailiff of Douglas being one of the latter. Principal, J. A. Fulton, and 3 assistant Masters.

ISLE OF WIGHT (*Hants*), APPOLDURCOMBE, THE MANSION. The sons of noblemen and gentlemen are admitted at this select and high-class establishment from 8 to 12 years of age, and remain up to their 14th year. The school charge is 100 guineas per annum. For delicate boys, with a separate bedroom, 150 guineas per annum. Head Master, Rev. Robert W. Pound, M.A., formerly Scholar of Winchester, and of Brasenose College, Oxford, with efficient resident assistant Masters.

ISLE OF WIGHT, WEST COWES, THE GRANGE, FORMERLY EGYPT HOUSE. Pupils are prepared for the Public Schools and Universities, the Army, Navy, and other Professions. There are 30 boarders, paying 80 to 100 guineas per annum. Vacations, 13 weeks per annum, adapted to the Public School terms, but shorter in duration. Head Master, the Rev. Arthur Watson, M.A., Graduate in Classical Honours, late 2nd Scholar and Prizeman of Caius College, Cambridge, assisted by 2 resident and 3 non-resident Masters.

ISLE OF WIGHT, NEWPORT GRAMMAR SCHOOL. Founded by Henry V.; enlarged 1612. The school is divided into 2 departments—the Classical and Modern. In the Classical Department the subjects of instruction are, Religious Knowledge, English, Latin, Greek, French, Ancient and Modern History, Mathematics, and Natural Science. In the Modern Department, Latin and Greek are excluded, and thus time is gained for additional instruction in Mathematics, Book-keeping, etc. In both departments due attention is paid to English Composition, and other necessary elements of a sound English education. The school year is divided into 3 equal terms of 13 weeks each. The Head Master receives a limited number of boarders to be prepared for the Universities, Public Services, etc., the studies of each boy being regulated in conformity with the requirements of his future employment. Fees: for



day-pupils, from 10 to 12 guineas per annum ; boarders, from 50 to 60 guineas per annum. The school house possesses interesting historical associations. In one of the rooms Charles I. slept, and in the school-room he met the Commissioners sent by the Parliament to treat with him, September 18th, 1648. H.R.H. Prince Leopold gives an annual prize for competition amongst the boys. Head Master, Rev. Edward W. Watts, M.A., formerly Exhibitioner of Lincoln College, Oxford, Graduate in double honours, and 3 non-resident assistant Masters.

\* ISLE OF WIGHT, NEWPORT, DIOCESAN SCHOOL. Established about 1860. The education is Classical, Mathematical, and Commercial, and includes English, French, and Latin mainly, but German and Greek occasionally, as required. Average number of pupils, from 45 to 50, from 7 to 17 years of age, admitted by Head Master only. During the last 5 years this school has been most successful in passing its pupils at the Oxford and Cambridge Local Examinations, and the Matriculation of the University of London, etc., etc. A liberal distribution of prizes (books) takes place once a year. Regular quarterly Examinations by Head Master, and pupils are submitted to both Local and Middle Examinations. Vacations, 5 weeks at Midsummer, and 1 month at Christmas. Principal, G. Coombs, and 2 resident Masters, and 2 visiting Masters.

ISLE OF WIGHT, RYDE, ROSEHILL PREPARATORY SCHOOL FOR BOYS. The course of instruction comprises the following subjects: English (Arithmetic, Algebra, Latin, by a Master) and French. The mildness and salubrity of the climate of the Isle of Wight is acknowledged by all. Terms : for boarders, 40 guineas. Principals, the Misses Barber.

ISLE OF WIGHT PROPRIETARY COLLEGE, APLEY, *near* RYDE. This college was founded in 1879. The school is divided into two departments. The Classical and Mathematical department has special reference to preparation for the Universities, and embraces all subjects taught at our great Public Schools. In the second, or Modern department, pupils are prepared for the Military, Naval, Engineering, and Civil Services, including direct preparation for the Royal Military Academies, Cooper's Hill, and Indian Civil Service Competitive Examinations. Pupils are admitted on the nomination of a proprietor, and must be 10 years of age. The fees for tuition are 30*l.* a year, and for board 50*l.* to 60*l.* per annum. There are 3 terms in the year, the vacations being 2 weeks at Easter, 7 weeks in July, and 5 weeks at Christmas. The Council consists of a Visitor (the Right Rev. the Lord Bishop of Winchester), 11 Vice-Presidents, and 12 members of Council. Head Master, the Rev. Canon F. D. Teesdale, M.A., late Scholar, New College, Oxford, and 9 assistant Masters.

ISLE OF WIGHT, RYDE, ORMONDE HOUSE SCHOOL. The course of instruction includes Classics and Mathematics, French, Geometrical Drawing, and the usual branches of an English education, with the elements of the Sciences. The system of education is intended to prepare pupils for entering the Universities, Public Schools, the Army or Navy. The year is divided into 3 terms. Terms : from 60 to 100 guineas per annum. Principal, A. Dimmer, F.R.G.S., with resident and non-resident assistants.

\* ISLE OF WIGHT, RYDE, RYDE COLLEGE. The system adopted

at this establishment is framed in complete accordance with modern requirements. The foundation of the whole system is a sound English course, such as will qualify for Professional or Mercantile pursuits. The College course comprises English in all its branches, Mathematics, Drawing, French, German, Latin, Greek, Music, etc. Preparation for the Civil Service, the Oxford and Cambridge Local, and other Competitive Examinations. A special Preparatory Department has been recently added, in which the Principals are assisted by a Lady Teacher, The Scholastic year consists of 3 terms. Fees: for boarders, from 35 to 60 guineas; day-pupils, 8 to 20 guineas per annum. Principals, J. N. Bennet and John D. Richards, with an efficient staff of Masters.

ISLE OF WIGHT, RYDE, HIGH PARK HALL. A limited number of pupils to educate generally, or to prepare for the Navy, Naval Engineer Students, Sandhurst, Woolwich, Cooper's Hill, English and Indian Services, Indian Forests, Staff Corps, Student Interpreters and Dragomans, and all other Competitive Examinations, the Public Schools and Universities, and Mercantile life. Terms according to age, from 60 to 100 guineas per annum. Principal, Albert Morse, F.S.Sc. (London), M.C.P., assisted by both English and Foreign resident Masters.

ISLEWORTH (*Middlesex*). See SPRING GROVE, S.W.

\* \* JERSEY (*St. Helier's, Channel Islands*), VICTORIA COLLEGE. This college was founded in 1852. Endowment 1,000*l.*, granted annually by the States of Jersey. Visitor, the Queen. The Committee comprises the Lieutenant-Governor for the time being, the Bailiff and 12 members of Council. Instruction is given in English, Classics, and Mathematics to 150 scholars. The study of Modern Languages is much encouraged. There are 2 departments of the college: 1. The department of Classical and General Literature, where instruction is given in the Greek and Latin Languages, Composition, Ancient and Modern History and Geography, Arithmetic, Mathematics, French, and German; 2. The Department of Modern Literature and Mathematics, where the subjects taught are the English Language, Composition, History, especially of England and its Colonies, Geography, Mathematics, Arithmetic, French, and German. Arrangements are made for instruction in Drawing and Natural Science, provided a sufficient number of pupils offer themselves. An extra Fee for each subject will be charged, the amount to be determined hereafter (at present fixed at 1*l.* per term for each subject). In the Lower School these departments are treated as one. Students are especially prepared for the Examinations for admission to Woolwich and Sandhurst, and for direct appointments in all branches of the Queen's Home and Indian Services, whether Military, Naval, or Civil. The following annual fees are payable by the students of the college: 1. Department of Classical and General Literature: under 12 years of age, 10*l.*; above 12 years of age, 14*l.* 2. Department of Modern Literature and Commercial Instruction: under 12 years of age, 8*l.*; above 12 years of age, 10*l.* Boys in the Lower School are charged the fees of the modern department. Boarders are received by the Principal in a house provided by the Committee. The present charge for Board is 53 guineas a year. Boys attending the College can dine at the Principal's house. The charges per term are: 6 dinners a week, 4*l.* 4*s.*; 4 dinners a week, 3*l.* 3*s.* Queen's Exhibition: an Exhibition, tenable for 3 years at any of the Universities of Oxford, Cambridge, Durham, or

Dublin, of the amount of 30*l.*, for which any who shall have been pupils at the College for the 3 years preceding may be candidates. The Exhibition will be paid on production of certificates of such residence having been kept by the holder of the Exhibition as the University requires. The Examination of candidates for the Exhibition is to be held by the Public Examiners at the period of the general Examination of the College. Queen's Medals: 3 Gold Medals given annually, at the public Examination, to the most deserving scholar in each of the 3 following subjects respectively:—1. Ancient Languages; 2. Modern Languages; 3. Mathematics. These medals are open to any who have been pupils at the college during the year preceding, at least, and there are other medals and prizes. The Channel Island Scholarships are open to pupils of 2 years' standing, value from 60*l.* to 90*l.* a year, besides numerous other prizes. H. R. Tottenham, Senior Classic, Cambridge, 1880, was educated at this school; and the author of this work assisted officially at the opening ceremony of this College in 1852. The year is divided into 3 terms, beginning respectively about January 20th, May 1st, September 20th. The vacations consist of about 6 weeks in August and September, a month at Christmas, and 10 days in April. There are at present 7 Scholarships at Pembroke, Exeter, and Jesus Colleges, Oxford, founded by King Charles I. and Bishop Morley, open to natives of Jersey or Guernsey, and members of Victoria College, Jersey, or Elizabeth College, Guernsey, who have been students during the 2 years immediately preceding the examination. The Scholarships are tenable for 5 years from matriculation, and of the annual value of about 90*l.* Public examinations are held yearly in July, and prizes awarded. Principal, R. H. Chambers, M.A., late scholar of Corpus Christi College, Oxford, and 11 assistant Masters.

**JERSEY** (*St. Saviours*), **HIGHLANDS**, **ST. JAMES'S COLLEGIATE SCHOOL**. At this well-known school the Classics and Mathematics are taught to the extent that pupils on quitting it may forthwith enter the Universities and Endowed Establishments of the United Kingdom. The French language is taught to all the pupils in the school, its importance as an element of education being fully recognized. Pupils are prepared for the Universities, Naval, Military, and Medical Colleges, and other Competitive Examinations. School fees, per year: for boys not exceeding 12 years of age, tuition, 11*l.* 5*s.*, daily board and tuition, 21*l.*, full board and tuition, 46*l.* 10*s.*; not exceeding 14 years of age, tuition, 14*l.* 15*s.*, daily board and tuition, 25*l.* 10*s.*, full board and tuition, 51*l.*; not exceeding 16 years of age, tuition, 16*l.* 10*s.*, daily board and tuition, 31*l.* 10*s.*, full board and tuition, 55*l.* 10*s.* The entire charge is undertaken of children whose parents reside abroad. The school is in a most beautiful and healthy situation on the hill overlooking St. Heliers. The grounds and playing-field cover 12 acres. The author has been personally acquainted with the excellent work done at this school for nearly half a century; it has always held a leading educational position in the island, and bears favourable comparison with Victoria College, and schools of a similar grade in England. Pupils pass direct into the Army, Navy, and the higher professions, without the necessity of cramming after leaving the school, and one of the recent successes to record is that of Mr. G. A. Norcott, a son of General Sir W. S. R. Norcott, K.C.B., late Lieut.-Governor of the Island, who passed in a most creditable

manner the Competitive Examination at the Royal Military College, Sandhurst. More than 300 youths have been successfully prepared in this establishment for the Naval, Military, and Civil Services of Her Majesty at home and abroad. Vacations, 6 weeks in summer and 5 weeks at Christmas. Principal, the Rev. James Cardwell, M.A., late Scholar and Mathematical Prizeman of Gonville and Caius College, Cambridge, 26th Wrangler in 1870; 8 years Head Master of the Sheffield Collegiate School, which he raised from the point of extinction to an unprecedented degree of prosperity. See also Index to Appendix A.

**JERSEY, ST. HELLIER'S PEMBROKE HOUSE SCHOOL, 44, DAVID PLACE.** High-class Commercial education, including the French language, to which special attention is given, and to French pupils who desire to learn the English language. Terms: 60 guineas per annum. Vacations, 8 weeks. Principal, F. Patterson, assisted by thoroughly competent Masters.

**JERSEY, BELLEFIELD.** Militia Officers prepared for passing into the Line. Fees: for 1 or 2 months, 10 guineas per calendar month; for longer periods, at the rate of 9 guineas per calendar month. No allowance for holidays at Christmas, which will be nominal. Principals, Major De Thoren and Major Morgan.

\* **JERSEY, ST. AUBIN'S, ST. AUBIN'S SCHOOL.** At this select private school 30 pupils are thoroughly grounded and instructed in Greek, Latin, French, English, German, Mathematics, Geography, History, etc., etc. Special attention is given to Modern Languages. Pupils are prepared for the Universities, Public Schools, and Cambridge Local Examinations. Fees: boarders, 50*l.* to 60*l.* per annum each; day-scholars, 9 to 15 guineas per annum. Vacations, Easter, Midsummer, and Christmas. Head Master, John Este Vibert, M.A., Christ's College, Cambridge, assisted by resident and visiting Masters.

**JERSEY, ST. LAWRENCE, OXENFORD HOUSE.** The course of study comprises Classics, Mathematics, French, German, and English subjects generally. Terms: boarders, 22*l.* to 30*l.* per annum; day-pupils, 4*l.* per annum. Vacations at Midsummer and Christmas. Principal, John E. P. Davey, B.A., London, M.R.C.P., assisted by resident French and English Masters and visiting Professors.

**JERSEY, ST. PETER'S BEAUMONT HOUSE SCHOOL.** Established 1861. Instruction in Classics, Mathematics, French, and German, is given to about 60 pupils, of whom 30 are boarders, paying from 20 to 25 guineas per annum and about 30 day-boys, paying 5*l.* per annum. Vacations, Midsummer, 5 weeks; Christmas, a month. Principal, G. Boyer, with 2 resident and 4 visiting Masters.

**JERSEY, COIE HOUSE, CLASSICAL ACADEMY.** Principal, G. W. Parlett.

**JERSEY (*St. Aubins*), WALWORTH HOUSE SCHOOL, ST. AUBINS.** The curriculum of studies at this school enables pupils to enter upon Mercantile pursuits, and great attention is given to the teaching of Modern Languages. Boarders as well as day-pupils, are received, the terms being very moderate. Principal, L. P. Hespéradox, B.A., and an assistant Master.



## K.

\* KEIGHLEY (*Yorks*), THE TRADE SCHOOL. Founded 1713, by John Drake. The object of the school is to supply a liberal English education, supplemented by the systematic teaching of such Science and Art subjects as are applicable to the trades of the district. The system of instruction is such as to prepare the Students either for Commercial pursuits or for the Learned Professions. The School is divided into two Departments. Pupils are prepared for the Preliminary Examinations required by the Legal and Medical Professions, the University Local Examinations, the London University Matriculation Examination, and for the Science and Art Examinations. The fees range from 2*l.* to 12*l.* per annum. There are nine Royal Exhibitions to the Royal School of Mines, London, and nine to the Royal College of Science, Dublin. They are of the value of 50*l.* per annum each, and are tenable for three years. The Annual Exhibition of the value of 25*l.*, promised by His Grace the Duke of Devonshire. Certificates of Honour, and Book Prizes of the value of from 1*l.* to 3*l.* are annually given by the Science and Art Department, South Kensington, to successful Students at the Science and Art Examinations held in the month of May. Free Scholarships to the Trade School are annually offered "for competition to Candidates of the Parish of Keighley." Two Prizes of the value of 5*l.* each are awarded to the boys who stand highest in the First Class Honours in the Cambridge Local Examinations in the Senior and Junior Departments. Two Prizes of the value of 3*l.* each are given to the boys who stand second in the Honours Division of the Cambridge Local Examinations in the Senior and Junior Departments. A Prize of the value of 1*l.* is awarded to each boy who succeeds in "satisfying the Examiners." Head Master, James Spencer, and a staff of assistant Masters.

KEIGHLEY, THE WESLEYAN SCHOOL. An elementary education at nominal fees is given to about 650 children. Education that prescribed by Government, taking the higher subjects of the Code and the Drawing Examinations of South Kensington. The scholars of this school for many years past have won the greatest number of free scholarships offered by the Trustees of the Drake and Tonson Charities, and which entitle to a free education in the Grammar (Trade) School at Keighley for two years. Head Master, W. Wright; Head Mistress, Mrs. Elizabeth Wright, and a staff of Masters and Mistresses.

KELSO (*Scotland*), KELSO HIGH SCHOOL. A Classical and Higher Commercial School. As the result of several influential public meetings held in Kelso in 1875-76, this school was established in order to afford to the inhabitants of Kelso and the Border Counties generally a first-class liberal education at moderate fees. Instruction is given to 107 pupils in Classics, Modern Languages, English in all its branches, Mathematics, the elements of Natural Philosophy, Shorthand, and Drawing. Special attention is given to Chemistry in its application to Agriculture. The fees range from 50 to 60 guineas per annum, according to age. A general Examination is held annually, when medals, books, and certificates are awarded as prizes. The senior pupils are annually examined under the Edinburgh University Local Examination Scheme.



Several Bursaries and Scholarships are open to this and other schools in Roxburghshire. Vacations, 10 weeks. New and commodious buildings have been constructed for this school. All the latest sanitary and educational improvements have been studied on most scientific principles. The establishment of Kelso High School may be regarded as solving the difficult question anent the demand for secondary schools as direct stepping stones to the University. Rector, William Layton, with 3 resident and 5 non-resident assistant Masters.

KELSO-ON-TWEED (*Roxburghshire*), GRAMMAR SCHOOL. Founded, it is supposed, by monks of Kelso Abbey. Endowment, about 100*l.* per annum. This school is in abeyance.

KELVEDON (*Essex*), BRUNSWICK HOUSE SCHOOL. This school was established in 1845, and provides board and instruction in the Latin and Greek Classics, Mathematics, English generally, Book-keeping, and everything necessary for a sound Classical and Commercial education, at terms from 25 to 40 guineas per annum. There are 3 vacations: a fortnight in April; six weeks in the autumn; and five weeks at Christmas. Principal, F. Nelthorpe, assisted by resident Masters.

KEMP TOWN (*Sussex*). See BRIGHTON.

KENDAL (*Westmoreland*), KENDAL GRAMMAR SCHOOL. Founded in 1529, by Adam Penington. Endowment, 80*l.* per annum. Instruction in Classics, Mathematics, English, Arithmetic, French, German, and Drawing, to about 50 pupils (6 free scholars). Terms: from 4 to 6 guineas per annum, and a few extras. A few small Exhibitions, amounting to about 20*l.*, to Oxford, tenable for 7 years. Exhibitions of value of about 7*l.* 10*s.* to Cambridge. Vacations, 11 weeks. Head Master, J. Brown, and 1 assistant Master.

KENDAL, GRAYRIGG GRAMMAR SCHOOL. Founded 1723, by Robert Adamson. Endowment, 42*l.* per annum. This is now merely a National School. English subjects are taught to 75 boys, 33 of whom are free. Head Master, A. B. Park.

KENDAL, SOCIETY OF FRIENDS' SCHOOL, STRAMONGYTE. Principal, Arthur H. Eddington.

KENSINGTON. See LONDON, W. DISTRICT.

KENTISH TOWN. See LONDON, N.W. DISTRICT.

KESWICK EAST. See EAST KESWICK.

† KETTERING (*Northamptonshire*), GRAMMAR SCHOOL. Founded before *temp.* Charles II. Founder's name unknown. Endowment, 320*l.* per annum. Instruction to about 50 boys in Classics and English course, paying for Latin and English, if sons of labourers and journeymen, 1*l.* per annum; if of others, 2*l.* to 4*l.* per annum. Head Master, the Rev. T. Widdowson, B.A., and resident assistant Masters.

KEYNSHAM (*Somerset*), GRAMMAR SCHOOL. Founded 1705, by Sir Thomas Bridges. Endowment, 20*l.* per annum. This school is now merged into a Parochial School. Head Master not yet appointed.

KIBWORTH (*Leicestershire*), KIBWORTH GRAMMAR SCHOOL (2*nd*)

*Grade*). Foundation unknown. Re-organized 1877. Endowment, 390*l.* per annum, and house. By the new scheme the course includes the usual English subjects, Latin, French, Mathematics, and Vocal Music ; Greek, Science, etc., are also taught as extras. 60*l.* per annum is devoted to Exhibitions, tenable at Head School, preference being given to boys residing in the parish, and educated at the elementary schools. Examinations annually. Vacations, 4 weeks at Christmas ; 3 weeks commencing about the end of April ; and 6 weeks commencing the first week in August. Head Master, the Rev. D. J. J. Barnard, M.A., late Scholar of Trinity Hall, Cambridge, Second Class Classical Tripos, 1871, with resident assistant Masters. See also Index to Appendix A.

† KIDDERMINSTER (*Worcestershire*), KING CHARLES I. GRAMMAR SCHOOL (*2nd Grade*). Endowment, 507*l.* per annum. Instruction to 35 boys (of whom 17 are Foundationers) in Classics and English course, with French, German, and Drawing as extras. Head Master, the Rev. F. Hookham, with assistant Masters.

† KIDDERMINSTER, PEARSALL'S GRAMMAR SCHOOL. Founded 1795, by N. Pearsall. Endowment, 64*l.* per annum. Instruction to 25 boys, paying 2 guineas each, in Classics, Mathematics, and English course. Head Master, F. Hookham, M.A.

KILBURN. See LONDON, N. W. DISTRICT.

KILHAM, *near HULL* (*Yorkshire*), GRAMMAR SCHOOL. Founded 1633, by Lord D'Arcey. Endowment, 30*l.* per annum. Education to boys of the parish free in English, Latin, and Mathematics. Head Master, John Stephenson, appointed January 1827.

KILCRONAGHAN (*Co. Down*), TOBERMORE KILCRONAGHAN RECTORY. A limited number of pupils prepared for the Public Schools, Army, and University Examinations. Terms : 50 guineas per annum. Principal, the Rev. Hugh Forde, A.M., LL.B., Rector of Kincronaghan, First Honour and Prizeman of Trinity College, Dublin.

KILKENNY (*Ireland*), KILKENNY COLLEGE. Founded A.D. 1684, by James, Duke of Ormonde. The course of instruction comprises Greek, Latin, French, German, and English in all its branches, Euclid, Algebra, Trigonometry, Arithmetic, Drawing. There are 2 vacations in the year, —at Midsummer and at Christmas,—amounting together to 9 weeks. Terms, washing included : 42*l.*, 45*l.*, 50*l.*, and 55*l.* per annum, according to age. Terms for day-pupils : English course, including Mathematics, 8*l.* 8*s.* per annum ; English, Mathematics, and French, 10*l.* 10*s.* per annum ; English, Mathematics, French, Greek, and Latin, 12*l.* 12*s.* per annum. Head Master, James Maxwell Weir, M.A., Ex-Scholar, T.C.D., First Classical Sizar 1849 ; First Classical Scholar 1852 ; First Honourman and Prizeman in Classics, and a staff of assistant Masters.

KILKENNY (*Kilkenny*), POCOKE COLLEGE. The above institution, under the Incorporated Society for promoting Protestant Schools in Ireland, was founded in the year 1763, by Dr. Pockocke, Bishop of Ossory, and maintains 24 Foundation scholars, elected by competitive Examination from the counties of Kilkenny, Waterford, and Cork. The education thus secured to the pupils of this Institution is of a very superior

character, having received the approbation not only of the Examiners, Fellows of T.C.D., but also of the Endowed Schools Commissioners, who reported very highly of it, after examining the pupils and the general state of the institution with the greatest care. Besides the scholars on the Foundation, the school affords accommodation to a limited number of boarders and day-scholars, for whom the charge is very moderate, as the school establishment is in a great measure supported by the endowment. Terms : parlour boarders, 30 guineas per annum ; hall boarders, 20 guineas per annum ; day-scholars, 4 guineas per annum. Vacations, a month at Midsummer ; a fortnight at Christmas ; and a week at Easter. Principal, John B. Browne, and a staff of assistant Masters.

KILMARNOCK (*Ayr*), KILMARNOCK ACADEMY. Foundation unknown. Re-built and re-organized in 1876. No endowment, except about 20*l.* annually for prizes. The list of subjects includes Latin, Greek, French, German, Mathematics, and Natural Sciences, along with subjects of an elementary school. Number of pupils, 720 on the average, about 40 free, as being the fourth member of a family ; no boarders. Admitted at 5 years of age. Has 14 Scholarships connected with Science and Art Department. Science Examinations in May, Literary Examinations in June, Elementary Subjects Examination, by H.M. Inspector, in June. Vacations, 6 weeks at Midsummer, and a fortnight at Christmas. Head Master, Hugh Dickie, B.A., London, and a large staff of assistant Masters.

\* KIMBOLTON (*Huntingdonshire*), KIMBOLTON GRAMMAR SCHOOL (*2nd Grade*). Founded before 1600, by H. Balye and W. Dawson. Re-built 1877. Endowment, 100*l.* per annum and house. Pupils are prepared for Commercial and Professional life, as well as for the Universities. Instruction in Classics, Mathematics, French, English, for Universities, for Competitive Examinations, and Commercial pursuits. Terms : day-boys, 7*l.* per annum ; boarders, from 43 to 48 guineas per annum. Head Master, the Rev. R. Kater Vinter, M.A. (13th Sen. Op. 1869), St. John's College, Cambridge, with assistant Masters.

KINGSBRIDGE (*Devon*), GRAMMAR SCHOOL (*2nd Grade*). Founded 1671, by Thomas Crispin. Endowment, 100*l.* per annum and house. Prepares for Public Schools, preliminary Professional Examinations, Naval Cadetships, and Local Examinations. Has 3 Exhibitions of 20*l.* a year for 3 years, tenable at any place of higher education ; and several Exhibitions of 5*l.* a year, tenable in the school. Fees for board and tuition, 50*l.* ; no extras. Head Master, Devey Fearon Ranking, M.A., S.C.L., Hertford College, Oxon. See also Index to Appendix A.

KINGSBURY (*Warwickshire*), COTON'S SCHOOL. Founded 1686, by Thomas Coton. Endowment, 33*l.* per annum. This is now merely a school for elementary English. Head Master not yet appointed.

KING'S COLLEGE, LONDON. See PUBLIC SCHOOLS, Part III., page 199.

\*\*\* KINGSWOOD NEW (*Somersetshire*), LANSDOWN, BATH, KINGSWOOD AND WOODHOUSE GROVE SCHOOL. Founded 1748, by the Rev. John Wesley. The Senior Branch, New Kingswood, Lansdown, Bath ; Junior Branch, Woodhouse Grove, near Leeds, 1748. The two schools were united in 1874. Instruction in Classics, Mathematics, Natural Science, French, German, etc., to 130 senior, and 130 junior pupils, all free, but

necessarily sons of Wesleyan Ministers. Examined annually by Cambridge Syndicate. 160 certificates. 149 in honours, had been obtained by the pupils up to 1873. Vacations, 10 weeks. Head Master, T. G. Osborn, M.A., Cambridge, and a staff of 7 Graduates.

KINGSDOWN (*Gloucestershire*). See BRISTOL.

KINGSTOWN (*County Dublin*), KINGSTOWN SCHOOL, WELLINGTON LODGE. Pupils are prepared for Indian Civil Service, Woolwich, the Universities, etc. There are about 60 boarders and 60 day-pupils. Fees for the former, from 48 to 100 guineas; the latter, 14 to 36 guineas per annum. The school year is divided into 3 terms. Vacations, 13 weeks. Head Master, W. H. Knapp, M.A., F.R.G.S., and a large staff of assistant Masters.

KINGTON (*Herefordshire*), KINGTON GRAMMAR SCHOOL (*3rd Grade*). Founded 1622, by Margaret Hawkins. Endowment, 380*l.* per annum. The course of instruction is such as will prepare boys for the Universities and Professional or Mercantile Life. Greek is an extra subject. Entrance fee, 10*s.* Boys from 8 to 10 years of age, 3*l.* 6*s.* 8*d.* per annum; from 10 to 13 years of age, 5*l.* per annum; over 13 years of age, 6*l.* per annum. There are 3 school terms in the year. Head Master, Rev. Arthur Marwood Wilcox, M.A.

KINGTON, BROUGHTON HOUSE SCHOOL. This school was established in 1862. The pupils receive a sound and comprehensive middle-class education. Special attention is paid to those objects required in a General and Commercial education. Average number of pupils 40. Vacations, 10 weeks. Terms: for boarders, according to age, from 20 to 24 guineas per annum; daily pupils, from 3 and 4 guineas per annum. Principal, H. C. Everard, and one assistant Master.

KINGSLAND. See LONDON, E. DISTRICT.

\* KING'S LYNN (*Norfolk*). THE GRAMMAR SCHOOL. Founded cir. 1520, supposed by Thomas Thorysby. Endowment, 75*l.* Preparation for Universities, Services, Commerce, etc. The course of instruction includes Latin, Greek, French, German, Elementary Science, etc. Number of pupils, 66. Fees: for day-boys, from 6*l.* 6*s.* to 10*l.* 10*s.* per annum; boarders from 45 to 50 guineas per annum, according to age. There is an Exhibition to Cambridge. Gold Medal given annually by H.R.H. the Prince of Wales, who presented, on the 7th November, 1881, the annual medal to Mr. G. A. Mossop. Examinations, end of July, by School Examiner; in December by Examiner for Cambridge Locals. Head Master, Rev. J. B. Slight, M.A., and 1 Master, non-resident; 2 resident, besides visiting Masters.

KING'S LYNN, THE ST. JAMES'S CLASSICAL AND COMMERCIAL SCHOOL, LONDON ROAD. This school is specially adapted for youths intended for Professional, Mercantile, or Agricultural pursuits. The school-year consists of 40 weeks, and is divided into 3 terms; the holidays being a fortnight at Easter, 6 weeks at Harvest, and a month at Christmas. Number of pupils limited to 30 boarders and 30 day-boys. Terms: boarders, 25 to 30 guineas per annum; day-pupils, 4 guineas per annum. Principal, Chas. William Morris, with assistant Masters.



KING'S LYNN, CLASSICAL AND COMMERCIAL SCHOOL, PORTLAND STREET. Instruction is given in the Classics, Music, Drawing, etc. Terms: resident pupils, 30 to 35 guineas per annum; day-boarders, 12 guineas; day-pupils, 4 to 6 guineas per annum. Principal, Charles W. Croad, assisted by a resident foreign Tutor, and other experienced Masters.

\* KINGSNORTON (*Worcestershire*), FREE GRAMMAR SCHOOL. Endowment, 15*l.* per annum. Instruction in English course only to 15 boys, all free. Other boys are received on payment. Latin, French, and Mathematics if required. Head Master not yet appointed.

KINGSTON-ON-THAMES (*Surrey*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (*2nd and 3rd Grade*). Founded 1561. Endowment, about 200*l.* A general and commercial education is given, with instruction in Classics and Mathematics. Fees: for day-scholars, 10 guineas; boarders, 45 guineas (exclusive of school fees) per annum. Examinations at Midsummer, and by an Oxford or Cambridge Graduate appointed by the Governors. Vacations, 12 weeks in the year. From 60 to 80 pupils attend. Head Master, Rev. W. E. Inchbald, and 3 resident and 6 visiting Masters.

KINGSTON-ON-THAMES. About 8 pupils prepared for the Competitive Examinations for entrance to R.M.A., Woolwich, direct appointments to Cavalry and Infantry, Household Brigade, the Control, the Civil Service, Cooper's Hill College, Naval Cadets, for Matriculation, or Mathematical Honours at the Universities, at terms of 150 guineas per annum, by the Rev. F. M. Arnold, M.A., late Scholar of Caius College, Cambridge, and Wrangler, with the assistance of Oxford or Cambridge Graduates in Honours for Classics, and of experienced teachers of the Modern Languages.

KINGSTON-ON-THAMES, KINGSTON HILL, ELMHURST SCHOOL. At this school, in addition to Latin and French, special attention is directed to the attainment of skill in Writing, Arithmetic, and Book-Keeping, with the mode in which Merchants' Accounts generally are conducted. The boys are educated for either Higher Commercial, or Professional life. Pupils are also prepared for the Civil Service and other examinations. The year is divided into three terms. Fees: yearly boarders, 36 to 42 guineas per annum. Principal, H. C. Anstey, assisted by efficient Masters.

\* KINGSTON HILL (*Surrey*), RAVENSWOOD HOUSE. Pupils prepared for the Universities, Army, Civil Service, Law, and other Public Examinations; also for the Public Schools, and Oxford and Cambridge Local Examinations. The terms for the above are from 80 to 120 guineas per annum, according to age. The year is divided into 3 terms, of nearly equal length. Principal, R. Luscombe, M.R.C.P., with assistant Masters.

† KINSALE (*Ireland*), ST. MARY'S COLLEGIATE SCHOOL. This school was endowed in the year 1753, by an arrangement between the Hon. Mr. Southwell and the Corporation of Kinsale. The endowment consists of a school-house in Fisher Street, Kinsale (formerly the residence of the Southwell family in that town), with a small playground and garden attached, and an annual sum of 30*l.* Head Master, Rev. E. P. Southwell.

† KINVER (*Staffordshire*) FREE SCHOOL (*3rd Grade*). Founded temp.



Henry VIII. Endowment, 200*l.* per annum. Instruction in Classics, Mathematics, etc., to about 50 boys, paying from 1*l.* to 4*l.* per annum. One Exhibition in gift of Leathersellers' Company, which has been claimed twice by the Company since 1832, and disposed of without reference to Kinver. Head Master, the Rev. W. H. Bolton, B.A., and 1 assistant Master.

KIRBY, MONKS (*Warwick*). See MONKS KIRBY.

KIRBY, WEST (*Cheshire*). See WEST KIRBY.

† KIRKBY-IN-CLEVELAND (*Yorkshire*), GRAMMAR SCHOOL. Founded 1701, by Henry Edmonds. Endowment, 56*l.* per annum. Instruction to 45 boys free, and 10 others, paying 20*s.* per annum, in Classics and English course. Head Master not yet appointed.

KIRKBY-IN-MALHAMDALE, *near* LEEDS (*Yorkshire*), KIRKBY-IN-MALHAMDALE UNITED SCHOOLS. Founded A.D. 1606. Endowment, about 170*l.* The education is Elementary and Higher, and includes Latin, French, Animal Physiology, Drawing, etc. Number of pupils, average 48, 1 free. The fees are nominal. Pupils admitted after 4 years of age by the Governors, and must pass in Standard IV. of the New Code for the Upper Department. Examinations yearly—in May or June, made by the Education Department and the Governors. Vacations: 2 weeks at Christmas; 1 week at Easter; 4 weeks in July. Head Master, vacant, and 1 assistant Master.

KIRKBY-LONSDALE (*Westmoreland*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded 1591. Endowment, 75*l.* per annum, and Master's house. Instruction in Classics, Mathematics, French, German, etc., preparatory for Universities, or for Competitive Examination, to about 30 boys, none free, day-scholars at 6 to 8 guineas, and the rest of the boarders at 35*l.* to 45*l.* Has 3 Exhibitions of 20*l.* per annum, tenable 3 years at Cambridge, and 2 of 30*l.*, tenable 3 years at Oxford. Head Master, Rev. J. N. Williams, B.A., and 2 assistant Masters. A new scheme of the Charity Commissions will soon be put into force.

KIRKBY RAVENSWORTH, *near* RICHMOND (*Yorkshire*), KIRKBY RAVENSWORTH GRAMMAR SCHOOL. Founded by Dr. Dakyn, A.D. 1556. Endowment, about 280*l.* The education is Classical, Mathematical, and General, and includes Greek, Latin, French, German, English. Number of pupils, 40; all absolutely free. Pupils admitted at 8 years, by Head Master, and must be able to read English fairly. Examinations annually, by Head Master. Vacations, 11 weeks. Head Master, Rev. G. Burgoine, B.A., St. Catherine's College, Cambridge.

† KIRKBY-STEPHEN (*Westmoreland*), GRAMMAR SCHOOL (2nd Grade). Founded 1655, by Lord Wharton. Endowment, 50*l.* per annum. Course comprises Latin, French, English, Mathematics, and Singing. Fees: 4 to 6 guineas per annum. Boarders, 35*l.* per annum. Head Master, J. Slater (London University).

KIRKBY-STEPHEN, WAITBY AND SMARDALE SCHOOL. Founded 1680, by James Highmore. Endowment, 42*l.* per annum. Head Master, W. Waistell.

KIRKHAM (*Lancashire*), KIRKHAM GRAMMAR SCHOOL, *near* PRESTON. Founded A.D. 1673, by Isabella Wildinge. Endowment, 900*l.* per annum. The system of education is a combination of the Classical and "Modern" subjects. All the boys learn Latin; the study of Greek is optional. Special stress is laid upon the study of Mathematics. Average number of pupils 120, about 70 Foundationers, paying 10*s.* per annum; 40 day-boys, paying 3 guineas; and 10 boarders. Fee, for French to all boys, 30*s.*; and the same for Drawing. Age of admittance from 7 to 19. Boys *born* in old parish of Kirkham free. All boys must pass an entrance Examination. 1 or more Exhibitions, *not more than* 80*l.* per annum, for 4 years, at Cambridge. Vacations: 6 weeks in August and September; 4 weeks at Christmas; 2 weeks in the last half of April (12 weeks in all). Head Master, the Rev. W. S. Matthews, B.A., Brasenose College, Oxford, and 4 assistant Masters, all non-resident.

KIRKOSWALD (*Cumberland*), KIRKOSWALD SCHOOL, *near* PENRITH. Founded in 1745, by John Lothian, and re-modelled in 1857. Endowment, 18*l.* per annum. About 130 day-scholars (whose total annual payments amount to 55*l.*) instructed in Latin and English. Head Master, Robert D. Swann, with assistant Masters.

KIRK SANDALL (*Yorkshire*), WOOD'S FREE GRAMMAR SCHOOL. Founded A.D. 1626, by Robert Wood, Rector of Kirk Sandall. Endowment, 70*l.* The education is mainly Elementary. Average attendance 36. Free to children of parishioners. Non-foundation children pay 6*d.* per week. Vacations, 10 weeks. Head Master, William Meakin, certificated Teacher; appointed 1864.

† KIRKLAND (*Cumberland*), FREE GRAMMAR SCHOOL. Founded in 1775. Endowment, 42*l.* Head Master, John Knox.

† KIRTON-IN-HOLLAND, *near* BOSTON (*Lincolnshire*), GRAMMAR SCHOOL (*3rd Grade*). Founded 1624, by Sir Thomas Middlecot. Endowment, 144*l.* per annum, and a house. Instruction to 40 boys, paying from 10*s.* to 3*l.* 10*s.* per annum (according to their fathers' rentals), in Latin, French, Mathematics, and English course. Head Master, W. Cochrane.

KIRTON-IN-LINDSEY (*Lincolnshire*), GRAMMAR SCHOOL. Founded 1577. Endowment, 128*l.* per annum. Instruction in English course, with Latin if required, to 87 boys, nearly all free. Has 7 Scholarships of 3*l.* and 4*l.*, at Magdalen College, Cambridge, and 2 Fellowships of 60*l.* with rooms and commons free. Head Master, vacant, and 1 assistant Master.

KIRKCUDBRIGHT (*Scotland*), KIRKCUDBRIGHT ACADEMY. The curriculum comprises English in all its branches, Mathematics, the Classics, and Modern Languages. There are several valuable prizes connected with the school. Rector, Robert Watson, M.A., and a staff of assistant Masters.

KNARESBORO' (*Yorkshire*), KING JAMES'S GRAMMAR SCHOOL. Founded temp. James I., 1616. Endowment, 20*l.* per annum, and school house. Instruction in Classics, Mathematics, French, etc. Boys prepared for all the Public Examinations. Boarders received into the Head

Master's house at from 35 to 45 guineas per annum. Vacations, 13 weeks. Head Master, R. Harvie, with assistant Masters.

KNARESBOROUGH, YORK PLACE, CLARENDON HOUSE SCHOOL. The course of instruction is calculated to train thoroughly for Professional or Commercial life, and for the various competitive examinations recently established. About 50 pupils are received. The Scholastic year is divided into three Terms. Fees for Boarders, from 30*l.* to 40*l.* per annum. Principal, W. Gelder, assisted by efficient resident and visiting Masters.

† KNUTSFORD, NETHER (*Cheshire*), GRAMMAR SCHOOL. Founded temp. Edward VI., about 1550. Endowment, 65*l.* per annum. Instruction in Classics and English course, and pupils prepared for the Universities and other examinations; 7 pupils are admitted free. Sir Thos. Dakin, late Lord Mayor of London, was educated at this school. Tuition fees, 5*l.* per annum. Boarders, from 35*l.* to 40*l.* per annum. Head Master, Rev. J. T. Evans, B.A.

† KNUTSFORD, COMMERCIAL, BOARDING, AND DAY SCHOOL. Instruction in Arithmetic, Mensuration, Land-Surveying, Mechanics, Algebra, Geometry, Book-keeping, Geography, Map Drawing, Grammar, Composition, and English History. Annual terms: boarders, from 25 to 30 guineas; day-boys, 5*l.* Principal, H. M. Newland, and 2 resident assistant Masters.

## L.

LAMBETH (*Surrey*). See LONDON, S.E. DISTRICT.

LAMPETER (*Wales*), GRAMMAR SCHOOL. Founded 1805. No Endowment. The course of instruction includes Greek, Latin, Mathematics, English History, Grammar, Composition, and Scripture, with French, Music, and Drawing. The charge for board and tuition is 8 guineas a year for seniors, and 6 guineas a year for juniors. There are 2 Exhibitions at St. David's College, of 10*l.* a year each. Head Master, the Rev. J. S. Edwards, M.A.

LAMPETER. ST. DAVID'S COLLEGE. This University College of Wales is empowered to confer Degrees in Arts and in Theology, and is affiliated to the Universities of Oxford and Cambridge. See THEOLOGICAL COLLEGES, Part V., page 370.

\* LANCASTER (*Lancashire*). FRIENDS' GRAMMAR SCHOOL. Founded by T. H. Rawlinson, in 1771. Endowment, 80*l.* The object is to provide a thorough English education, combined with French and Latin. There are about 90 scholars in attendance. Head Master, G. Aldridge, with a staff of assistant Masters.

\* LANCASTER, ROYAL GRAMMAR SCHOOL. Date of foundation unknown, but before 1472. Endowment, 150*l.* Instruction in English subjects, Latin, Greek, French, and German. Special attention to Mathematics and Natural Science (including Practical Chemistry). There are 3 University Scholarships (tenable for 3 years), value 30*l.* per annum, founded by Her Most Gracious Majesty Queen Victoria. One of 33*l.*, tenable for 1 year at the University of Cambridge. The interest of

1,000*l.* to found a Scholarship, tenable for 3 years, at Oxford or Cambridge. 1 Annual Exhibition of 15*l.* is also awarded to a pupil not proceeding to the University. Scholarships (tenable at the school) will be given annually by the Head Master. These Scholarships are of the value of from 10*l.* to 20*l.* per annum. 101 Certificates have been gained by pupils at the University Locals up to 1873; 70 in honours. There are numerous prizes, varying in value from 2 to 10 guineas each. Vacations, 14 weeks. About 100 boys, 20 nominated by the Corporation, pay 4 guineas a year; others, day-boys, 8 guineas; boarders, 55 guineas each. Head Master, the Rev. William E. Pryke, M.A., Fourteenth Wrangler, 1866; Theological Honours, 1867; Scholar of S. John's College, Cambridge, with a large staff of non-resident assistant Masters.

LANCASTER, COMMERCIAL SCHOOL. Established, 1874. Instruction to 56 pupils in English, Latin, and French Languages, Science, Mensuration, Algebra, Euclid, and Drawing. Fees, 4*l.* 10*s.* per annum. Vacations, 10 weeks. Principal, L. S. Richardson, and assistant Masters.

\* LANCASTER, CASTLE HOWELL SCHOOL, QUEEN SQUARE. Established 1850. Complete course of instruction from commencement of school life to Matriculation at the University. Terms: boarders, 80 to 100 guineas. Principal, the Rev. D. Davis, B.A., and resident assistant Masters.

\*\* LANCING (*Sussex*), SS. MARY AND NICOLAS GRAMMAR SCHOOL. A school for the sons of noblemen, clergymen, and others, in connection with St. Nicolas College. Founded 1848. Preparation for Universities and Professions. Instruction in Latin, Greek, French, German, Mathematics, and Natural Science. Number of pupils, 200, all boarders. Terms: School dues with board, from 55 to 85 guineas per annum each. There are 4 Exhibitions, of the value of from 15 to 27 guineas per annum, open for competition to all boys under 14 years of age, and (for the 2 seniors) tenable until the Exhibitioner leaves the school; and 12 Scholarships, viz.: Provosts (3) of 30 guineas each, and 9 others of 30*l.* each. Examinations are held annually in May, by Oxford and Cambridge Examiners. Vacations, 14 weeks. The buildings of this College stand on a farm of about 250 acres in the parish of Lancing; and in connection with the College are St. John's School, Hurstpierpoint; St. Saviour's Lower School, Ardingly; and St. Michael's School, Bognor. Provost, Rev. Nathaniel Woodard, M.A. and D.C.L. Head Master, the Rev. R. E. Sanderson, D.D., Lincoln College, Oxford, with 10 assistant Masters, all resident.

\* LANCING-ON-SEA, THE COLLEGIATE SCHOOL. Established 1820. Instruction in Latin, French, German, sound English, Mathematics, Drawing, etc., to 55 boarders and 5 day-boarders. Preparation for the University Local Examinations. Terms: 32 guineas per annum. Principal, A. J. McEwan, with resident assistant Masters.

\* LANGPORT (*Somerset*), FREE GRAMMAR SCHOOL. Founded 1675, by Thomas Gillett. Endowment, 100*l.* The course of instruction embraces the Classics, Mathematics, Modern Languages, and the usual branches of a sound English education, preparing for Professional, Commercial, and Agricultural pursuits, the Civil Service, and the University Local Examinations. About 45 scholars, 20 being free. Fees: from 4 to



8 guineas per annum each; boarders, from 30 to 50 guineas per annum each. 3 Scholarships of 5 guineas each, tenable at school for 1 year. Examinations take place at Midsummer by University men. Vacations, 11 weeks. Head Master, Edward Western, M.C.P., and 1 resident assistant Master.

\* LAUNCESTON (*Cornwall*), GRAMMAR SCHOOL. Founded before temp. Queen Elizabeth, by whom it was re-endowed. Endowment, 26*l.* per annum, and house. Instruction to 32 boys, of whom 4 are on Foundation, paying 2*l.*, and the others 6 or 8 guineas per annum, in Classics, Mathematics, etc. Head Master, Rev. W. S. Johns, with resident assistant Masters.

LAUNCESTON, S. STEPHEN'S. HOWELL'S ENDOWED SCHOOL. See S. STEPHEN'S.

\* LAUNCESTON, DUNHEVED COLLEGE. Established 1873. This school is divided into 3 departments: 1. Boys' Department; 2. Students' Department; 3. Ladies' Department. A full educational course for all pupils, including Modern Languages and Science, English, French, Latin, Greek, Hebrew, German, Chemistry, Botany, Physiology, etc. About 50 pupils, none free. Fees: from 10 to 14 guineas per annum; boarders, from 43 to 46 guineas per annum. Preparation for Oxford and Cambridge Locals. Principal, Benjamin Ralph, A.B., LL.B., with 4 assistant Masters.

LAUGHTON (*Lincolnshire*), FREE GRAMMAR SCHOOL. Founded 1566. Endowment, 20*l.* per annum. This is now an Elementary English School only. Head Master not yet appointed.

† LAVENHAM (*Suffolk*), GRAMMAR SCHOOL. Founded before 1647, by Richard Peacock. Endowment, 21*l.* per annum. Instruction to 12 boys, of whom 5 are free. Head Master not yet appointed.

LAVINGTON, WEST (*Wilts*). See WEST LAVINGTON.

LANGSIDE, THE ACADEMY, near GLASGOW. Instituted 1858, for the education and board of about 160 scholars; some are young ladies. Instruction in Latin, Greek, French, German, and Natural Science. The course of study in the higher classes prepares pupils for the Edinburgh University Local Examinations. Terms: for day-pupils, about 6*l.* per annum; boarders from 40*l.* to 60*l.* per annum. Vacations, 9 weeks. Head Master, Alexander Adam, with 3 resident Masters, and 4 Governesses.

LEAMINGTON (*Warwick*), LEAMINGTON COLLEGE. This public or first-grade school was founded in 1844 to provide a Classical, Mathematical, and general education of the highest order, and on moderate terms, with sound religious instruction, in general accordance with the principles of the Church of England. The college is divided into two departments, the Classical and Modern. The charge for tuition is 24 guineas a year; and tuition with board and residence, 70 to 100 guineas per annum. The Head Master takes a few boarders in his private house. Terms: exclusive of college fees, 100*l.* per annum. There are 3 vacations in the year. The number of pupils last year was 150. Head Master, the Rev. Joseph Wood, D.D., late Fellow of S. John's; Vice-Master, the Rev. E. H. Owen, M.A., Jesus College, Cambridge, and 8 assistant Masters. W. Maycock, Clerk to the Council.



LEAMINGTON, UPLANDS. The course of instruction is such as to prepare boys for the Public Schools, and includes English, Latin, Greek, French, and Mathematics. Vacations are the same as at Eton, dividing the year into 3 terms. Terms: boarders, 75 guineas per annum; day-boarders, 30 guineas a year. Principal, Torrens Rowley Miller, M.A., of Trinity College, Dublin.

LEAMINGTON, WATERLOO HOUSE. A high-class preparatory school for Eton and Harrow. Terms: for boarders, 60 guineas; for day-pupils, 30 guineas per annum. Principal, the Rev. A. Sewell, M.A., with a staff of Graduates.

LEAMINGTON, ARNOLD LODGE SCHOOL, KENILWORTH ROAD. This is a high-class private school for the sons of gentlemen. Boys are received between the age of 8 and 14, and are prepared for Entrance Examinations and Scholarships at the Public Schools, and for Professional life. The curriculum of studies comprises every branch of a liberal education. The scholastic year is divided into 3 terms to correspond with those at our Public Schools. Terms: for board and education, 80 guineas; day boarders, 45 guineas per annum; these terms are inclusive. Principal, the Rev. Henry G. Allfree, M.A., Oxon, with a staff of 7 assistant Masters.

\* LEAMINGTON, COLLEGIATE SCHOOL. The course of studies aims at preparing pupils for Mercantile or Professional pursuits. 50 certificates have been gained by pupils at the University Locals up to 1880, 18 in honours. Yearly boarders, from 36 to 40 guineas. The only two "Honour" certificates ever awarded have been obtained by pupils of this school. Principal, Arthur Riches, F.R.G.S., with assistant Masters.

LEATHERHEAD (*Surrey*), LITTLE BOOKHAM, NEAR LEATHERHEAD, PRESTON HOUSE. High-class military education is given to a limited number of students, who are successfully prepared for Sandhurst, Woolwich, and other Competitive Examinations. In this situation of retirement so conducive to serious study, and by the assistance of an efficient staff of resident and non-resident Masters, with the advantages of high-toned social surroundings, unusual opportunities are afforded for successful study. Principal, the Rev. J. W. Nixon, M.A., with a staff of competent Tutors. See also Index to Appendix B.

\* LEATHERHEAD, ST. JOHN'S FOUNDATION SCHOOL. OFFICES, 1A, S. HELEN'S PLACE, BISHOPSGATE, LONDON, E.C. Founded 1852, Entirely supported by voluntary contributions. This school was instituted in 1852, for providing a free education and maintenance for the sons of the poorer clergy of the Church of England, resident in England, Wales, or Ireland. It occupies a department of charity peculiarly its own. There are institutions, indeed, for the cheap education of the sons of the clergy, but none where they are educated free while their fathers are alive. S. John's Foundation School is a practical assertion of two principles; first, that it is desirable to help the living clergyman, too often inadequately paid, to bear the charges of his family; and secondly, that the offer of an education at a cheap rate to those who can afford nothing is scarcely all that the poor labourers in Christ's vineyard are entitled to hope for from their more wealthy brethren. Present number of Foundationers, 127. 9 First-class Certificates have been gained by pupils at the University

Locals since 1874. Head Master, Rev. A. F. Ratty, M.A., late Scholar and Prizeman, Pembroke College, Cambridge, with 5 resident assistant Masters, and 3 non-resident.

LEDBURY (*Herefordshire*), FREE GRAMMAR SCHOOL. Supposed to have been founded at the time of the Reformation. Endowment, 10*l.* per annum. This school is now merged into a National School.

LEE (*Kent*). See LONDON, S.E. DISTRICT.

LEEDS (*Yorkshire*), FREE GRAMMAR SCHOOL. Founded 1552, by Sir W. Sheafield. Instruction in English, Latin, Greek, French, and German. Mathematics, Drawing, Singing, and in Scientific subjects. Natives of borough, or sons of residents, receive free education in Greek and Latin, but pay 10 guineas per annum each for other studies. Boys not on foundation pay 14 or 16 guineas, according to age. Has 5 Exhibitions of 50*l.*, tenable at Oxford, Cambridge, or Durham, for 4 years (one at least being vacant annually), and has the right of competing annually for Scholarships at Cambridge or Oxford, value from 75*l.* to 90*l.* Vacations, 13 weeks. Head Master, the Rev. W. G. Henderson, D.C.L., and 14 assistant Masters.

\* LEEDS. BOYS' SCHOOL, IN CONNECTION WITH THE MECHANICS' INSTITUTION. Instruction in Mathematics, Latin, French, and Greek to about 350 pupils. Scholarships gained at Clifton College and Malvern College. 107 certificates have been gained by pupils at the University Locals up to 1873, 21 in honours. Vacations, 10 weeks. Principal, Thomas Horsman, B.A., London University, with 8 assistant Masters.

\* LEEDS, THE PARISH CHURCH MIDDLE CLASS SCHOOLS, VERNON ROAD. Founded 1871. The education is suitable for Commercial and Professional life. Instruction in the Classics, Mathematics, German and French, Chemistry, Electricity, Physiology, and Mechanics, to about 260 boys—fees, from 4 to 6 guineas per annum; and General English, French, Science, Music, and Drawing, etc., to about 150 girls, all day-scholars—fees, from 4 to 6 guineas per annum. Boys' department: Wood Scholarship, 20*l.* per annum, tenable for 4 years; Gott Scholarships, 2 of 10 each, tenable for 4 years. Preparation for the Examinations of the Science and Art Department, for the Civil Service, for the Oxford and Cambridge Local Examinations, and for the Preliminary Examinations required for the "Learned Professions." 8 Exhibitions of 5*l.* per annum for boys in the Parish Church Choir. Girls Department: 2 Scholarships of 10*l.* each, tenable for 3 years; Cambridge Locals. Vacations, about 12 weeks. Head Master, E. Ison, with 7 assistant Masters; Head Mistress, Miss Southern, with 5 assistant Mistresses.

† \* LEEDS, NEW LEEDS COLLEGE. Preparation for the University Local Examinations, and general instruction is given to boarders as well as day-scholars. Pupils are prepared for the preliminary Legal and Medical Examinations. The fees are 10*l.* per month resident, 5*l.* per month non-resident. The house stands in large grounds. There is riding, fishing, billiards, and lawn tennis. The ages of the pupils range from 12 to 30 years. Principal, Conyngham Williams.

LEEDS, THE YORKSHIRE COLLEGE. Principal, Professor John

Marshall, M.A. Full particulars of this college are given in Part VI., page 563.

\* LEEK (*Staffordshire*), THE GRAMMAR SCHOOL. Established 1722. A general education, Latin and French, given to about 50 pupils—none free. 8 to 16 guineas per annum; boarders, 30 guineas per annum. Examinations at Christmas by the College of Preceptors. Vacations, 8 weeks. Principal, J. Sykes, with 1 resident assistant Master.

\* LEICESTER. WYGGESTON HOSPITAL BOYS' SCHOOL AND QUEEN ELIZABETH'S GRAMMAR SCHOOL (*2nd Grade*). Founded 1577. Endowment, 1,200*l.* a year. Usual Public School course of instruction. Prominence given to Modern Language and Physical Science. About 400 pupils. Fees: 4*l.*, 6*l.*, 8*l.*, according to age. 30 Exhibitions of the yearly value of 10*l.* At present the Exhibitioners, not to speak of the other boys, are enabled to get an education which, in many cases, might with great public advantage be carried further; but the *res angusta domi*, which makes the Exhibition welcome, or indeed needful, also shuts out any thought of a University course. Examinations take place at Midsummer, by Examiners appointed by governing body. Vacations, 3 months in the year. Head Master, the Rev. James Went, M.A., with 10 assistant Masters, all non-resident.

\* LEICESTER, MIDDLE SCHOOL, CARLTON HOUSE, WELFORD ROAD. Course of instruction both Commercial and Classical to 60 boys, 10 being boarders. Boarders pay 30 guineas, weekly boarders 25 guineas, and day-boarders 15 guineas, and day-pupils 6 guineas per annum. Head Master, W. F. Hurst, and other competent Masters.

\* LEIGH (*Lancashire*), THE GRAMMAR SCHOOL. Founded 1655. Endowment, 24*l.* per annum. The instruction is conducted on comprehensive modern principles, and includes Greek, Latin, French, Mathematics, Natural Science, and the usual English and Commercial subjects, with Elementary Drawing. Pupils are prepared for University and other Public Examinations. Annual Examinations are held. The vacations are 11 weeks in the year. There are about 50 pupils, of whom 6 are free; and 20 are boarders, paying 28, 30, or 32 guineas per annum. Pay scholars' fees are 4*l.* 4*s.* per year. Head Master, Ralph Passe, Trinity College, Dublin, assisted by resident and non-resident Masters.

LEIGHTON BUZZARD (*Bedfordshire*), MIDDLE SCHOOL, HOCHCLIFFE ROAD. General instruction given to about 24 boys of the middle class. Private lessons for the Preliminary Examinations for the Law, Chemistry, Medicine, and Matriculation at London University. Terms: from 2 to 8 guineas per annum. Principal, T. Honiborne, B.A., University of London.

¶ † LENHAM (*Kent*), GRAMMAR SCHOOL, near MAIDSTONE. Established 1842. Is unendowed. Instruction in English Commercial course, with Classics, Mathematics, Chemistry, etc., to about 30 boys, of whom boarders pay 20 to 24 guineas, and day-boys 2 to 6 guineas per annum. Head Master, J. Smurthwaite.

LEOMINSTER (*Herefordshire*), GRANGE HOUSE ACADEMY. Established 1790. The course of instruction embraces English, Chemistry, Algebra,

Euclid, Mensuration, and Land-Surveying. There are about 20 boarders and 30 day-pupils, none free. Terms: for boarders, from 32 to 45 guineas per annum; day-pupils, from 6 to 12 guineas per annum. Vacations, 13 weeks. Principal, J. Cox, A.C.P., with 6 assistant Masters.

LEOMINSTER, GRAMMAR SCHOOL. Founded 1554, by Queen Mary. Endowment, 25*l.* per annum. This school is now in abeyance.

\* LEWES (*Sussex*), CLIFFE HOUSE SCHOOL. The school was founded in the year 1791, and was for many years conducted by William Button. Since the year 1865 upwards of 50 pupils have gained certificates at various Examinations. The course of instruction comprises the usual subjects, including Latin, French, and Elementary Science. There are 3 terms in the year. The Spring term commences about the middle of January, the Summer term about the 1st of May, and the Autumn term about the 12th of September. Vacations, 11 weeks. Principal, T. R. White (University of London).

† LEWES, GRAMMAR SCHOOL. Founded 1512, by Agnes Morley. Endowment, 99*l.* per annum, with house. This school appears to be in abeyance.

LEWISHAM (*Kent*). See LONDON, S.E. DISTRICT.

LEYBOURNE (*Kent*), FREE SCHOOL. Founded 1775, by the Rev. Edward Holme. Endowment, 111*l.* per annum. This is now merely a National School.

† LEYLAND (*Lancashire*), GRAMMAR SCHOOL. Founded by Queen Elizabeth, date unknown. Endowment, 23*l.* This school is now in abeyance.

LEYLAND, *near* PRESTON, WELLINGTON HOUSE SCHOOL. A school for sons of gentlemen. Boys are prepared for the Public Schools. Principal, Rev. R. J. Hughes, late Head Master of Rossall Preparatory School.

\* LEYTON (*Essex*), SALWAY HOUSE SCHOOL. This school is in union with the College of Preceptors. A sound general course of instruction provided for boarders and day-scholars. 28 certificates, 6 in honours, had been gained by pupils up to 1873 at the University Locals. Principal, Dr. Aldom, L.C.P., with assistant Masters.

\* LICHFIELD (*Staffordshire*), LICHFIELD GRAMMAR SCHOOL (*2nd Grade*). Founded 1547, by Edward VI. Endowment, 91*l.* per annum. The education given is suitable to boys who are intended for a Commercial life, the Public Schools, the University Local Examinations, and the two Universities. Greek and German are taught as extra subjects. The school year is divided into 3 terms. All day-scholars pay a tuition fee of 8*l.* a year. Boarders in the school house pay a fee of 60*l.* a year. Head Master, the Rev. W. E. Winter, M.A., and a staff of assistant Masters.

\* LICHFIELD, MEREDITH HOUSE, WADE STREET MIDDLE CLASS SCHOOL. The course of instruction comprises the subjects of a sound and liberal Classical, Mathematical, and Commercial education. Pupils are prepared for the Local Examinations of the Universities of Oxford and Cambridge, the Matriculation Examination of the London University, and other Examinations. Terms: boarders, 32 guineas; day-pupils, 4



guineas per annum, and a few extras. Vacations, 12 weeks. Principal, S. Biggs, of S. Mark's College, and London University.

LICHFIELD THEOLOGICAL COLLEGE. See THEOLOGICAL COLLEGES, page 360.

LIFFORD (*Ireland*), THE PRIORY ENDOWED SCHOOL. Founded temp. James I. Head Master, G. V. Briscoe.

† \* LINCOLN, CATHEDRAL SCHOOL. Founded 1583. Founder's name unknown. Endowment, 289*l.* per annum, and a house. Instruction to 130 boys from 4 years old (64 in Upper, 66 in Lower School, including about 34 boarders), none free, in Classics, Mathematics, French, German, etc., at from 2 guineas per annum in Lower School (where only English is taught), to 6 guineas per annum in Upper. Examiners from University. Up to 1873, 38 certificates had been obtained at the University Locals, 14 in honours. Vacations, 13 weeks. Head Master, the Rev. W. W. Fowler, M.A., and 5 assistant Masters.

† \* LINCOLN, LINDON HOUSE SCHOOL. Preparation for University Local and other Examinations, and a thorough course of instruction to boarders and day-scholars. Principal, G. H. Shipley, with resident assistant Masters.

\* LINCOLN, NORTHGATE SCHOOL. Established 1844. Instruction in Classics, Mathematics, and English Commercial course, to 80 boys, of whom 35 are boarders, at 28 guineas each. Up to 1873, 38 certificates had been gained, 7 in honours, at the Oxford Middle Class Examinations. Principal, W. J. Mantle, F.R.G.S.; Head Master, the Rev. W. Mantle, B.A., and 2 assistant Masters.

LINCOLN, LINCOLN PREPARATORY SCHOOL FOR BOYS, CASTLE SQUARE. A select number of boys from 5 to 12 years of age received. The terms for boarders for thorough grounding in the English and French Languages, with Elementary Latin, 30 guineas per annum; morning-pupils, 4 guineas per annum. Principal, Miss Hulland.

LISCARD (*Cheshire*). See WALLASEA.

LISKEARD (*Cornwall*), GRAMMAR SCHOOL. Founded by Edward VI. There is no endowment. Head Master, George R. Sanders.

LISKEARD, DOBWALL'S HOUSE ACADEMY. Instruction in Classics, Mathematics, and English. Boarders' terms: from 20 to 22 guineas per annum, and a few extras. Vacations, 10 weeks. Principal, G. Whitehead Body, and 1 resident assistant Master.

\* LISKEARD, EAST CORNWALL COLLEGE, WADHAM HOUSE. This estate of Wadham was the original seat of the Wadham family, founders of Wadham College, Oxford. Before removing into Somerset several of the family were Mayors of Liskeard. As a school it is a young institution. Pupils are prepared either for Professional or Commercial pursuits. Examinations on the principles of the Oxford and Cambridge Local Examinations. Terms: for boarders, from 32 to 48 guineas per annum; day-pupils, 12 guineas per annum, and a few extras. Principal, J. Wonnacott, F.G.S., and a very efficient staff of resident and visiting Masters.



**LISMORE** (*co. Waterford*), **LISMORE COLLEGE**. Founded 16th century. The course of instruction provides special preparation for T. C. D., Royal Irish University, Civil Service, Legal and Medical Professions. Modern Languages are a distinctive feature. The general curriculum includes all branches of a liberal English education, with Classics if required; Drawing and Music are also taught. Terms: boarders, from 35 to 50 guineas per annum. Patron, His Grace the Duke of Devonshire. Head Master, Albert A. Honey, M.A., Mathematical Honourman, and late Open Exhibitioner of Sidney Sussex College, Cambridge; formerly Principal of Cowper's House School, Huntingdon; assisted by competent Masters.

**LITTLEHAMPTON** (*Sussex*), **SURREY HOUSE SCHOOL**. Established 1839. Instruction in English course, with board, at 42 guineas per annum, and in Classics, Modern Languages, Music, etc., as extras; or at 48 guineas, including Latin, German, and French, with English. Principal, George Neame, and 7 Masters.

\* † **LITTLEMORE** (*Oxfordshire*), **LINDEN HOUSE SCHOOL**. Established 1858. About 80 boys (all boarders) receive instruction fitting them especially for Commercial or Agricultural pursuits; at the same time, Classics, French, Land-Surveying, and all such other subjects as are considered essential to a liberal education, are taught. Examinations by Graduates of Oxford University. Boys prepared for the Oxford and Cambridge Locals. There are 3 terms in the year. Vacations, 11 weeks. Terms: 27*l.* to 30*l.* per annum, with extras. Principal, W. R. Hurst, with resident and non-resident assistant Masters.

**LITTLE THURLOW** (*Suffolk*). See THURLOW, LITTLE.

**LITTLE WALSINGHAM** (*Norfolk*). See WALSINGHAM, LITTLE.

**LITTLE BOLTON**. See BOLTON, LITTLE.

**LITTLE HORSTED**. See HORSTED, LITTLE.

**LITCHURCH** (*Derbyshire*). See DERBY.

**LIVERPOOL** (*Lancashire*), **LIVERPOOL COLLEGE**. See Part V., PUBLIC SCHOOLS.

\* **LIVERPOOL, LIVERPOOL INSTITUTE, OR QUEEN'S COLLEGE**. Established 1825. Consisting of the following departments:—Queen's College, High School, and Commercial School. Queen's College is in connection with the University of London, and was established in 1857, 1. For affording to young men adequate opportunities for obtaining collegiate instruction in Science and Literature at a moderate expense; 2. For affording facilities in Liverpool for acquiring University Degrees without residence elsewhere. The college is subject to the fundamental laws which govern the Liverpool Institute. 6 Exhibitions and prizes of the University of London, of the value respectively of 60*l.*, 40*l.*, 30*l.*, 10*l.*, 5*l.*, and 5*l.*, are awarded to successful candidates under 20 years of age. Other prizes, of greater value, are competed for at the subsequent Examinations of the University. The fees vary from 1 to 3 guineas per annum, according to class. Principal, Rev. John Sephton, M.A., and 12 Professors. **THE HIGH SCHOOL** affords a liberal education, adapted to prepare the pupils for the Universities, the Learned Professions, the Civil Service, and for Commerce. The fees are from 9 to 12 guineas per annum, for

tuition alone. The vacations are 6 weeks at Midsummer, 3 weeks at Christmas, 1 week at Easter, and 2 days to be given at the discretion of the Head Master. The Holt Scholarship.—In January, 1862, Mrs. Holt, the widow of the late George Holt, Esq., invested 1,000*l.*, to found a Scholarship, which is to be awarded, when vacant, to the best boy in the High School. Institute Scholarships, value 12 guineas per annum, are given as rewards for eminent success in the University Local Examinations, and prizes of books are awarded yearly to the most deserving pupils. Head Master, Rev. J. Sephton, M.A., late Fellow of S. John's College, Cambridge; Second Master, A. M. Kennedy, M.A., Exeter College, Oxford, and 13 assistant Masters. THE COMMERCIAL SCHOOL is designed to afford to parents in moderate circumstances the means of giving their sons, at the lowest possible rate of expense, an education such as may qualify them for engaging in all branches of Commerce. In the Junior Department, pupils are received at 6 years of age and upwards, or as soon as they can read words of 2 syllables. In this section the instruction is elementary. In the more advanced classes the subjects of instruction are the same as the Junior Department, with the addition of Drawing, Book-keeping, Arithmetic, Algebra, Geometry, Trigonometry, Mensuration, Natural Philosophy, and Chemistry. The terms for tuition are from 4 to 5 guineas per annum. Boarders are received at the assistant Masters' houses; terms, 40*l.* and 50*l.* The vacations are 10 weeks, at the discretion of the Head Master. 2 Exhibitions to the High School, instituted by the Directors, are given annually to the 2 highest boys in the Commercial School, who attain honours in the University Local Examinations. Institute Scholarships are given as rewards for eminent success in the University Local Examinations, and prizes of books are awarded yearly to the most deserving pupils. The number of pupils is about 1500. 411 certificates, 237 being in honours, have been gained by the pupils of the above 2 schools, at the University Locals up to 1873. Head Master, Rev. J. Sephton, M.A., late Fellow of S. John's College, Cambridge; Second Master, E. B. Ewart, B.A., London, and 21 assistant Masters; Secretary, Charles Sharp, F.L.S.

LIVERPOOL, UNIVERSITY COLLEGE. This college was founded and incorporated by Royal Charter in 1881, and the endowment amounts to about 100,000*l.* It is governed by a Council, the President being the Earl of Derby, and 16 members. All the classes, excepting those of the Medical Faculty, are open to students of either sex, and upon the same terms; but no candidate is admitted under the age of 15, and all under 16 must pass a preliminary examination prior to admission. The day-students must produce certificates of good character from their last instructor. The evening classes are open to all students, without any restriction, upon payment of the required fees. The academical year is divided into 3 terms.—January to Easter, Easter to June, and September to Christmas. In the Arts Faculty the fees are 2*l.* for 1 term, 3*l.* for 2 terms, and 4*l.* for the year. There are 4 Scholarships of the value of 20*l.* each, tenable for 2 years. Candidates must not be more than 18 on October 1st ensuing. The Medical Faculty, which is held in the Liverpool Royal Infirmary School of Medicine, was founded in 1834, reorganised and greatly enlarged in 1874, and was incorporated with this College in 1881. About 150 students (all male) attend the

Lectures and Hospital practice. The School Composition fee is 60 guineas on entrance, and the fees for Hospital practice and Clinical Lectures are 3 guineas for 3 months, 5 guineas for 6 months, and 6 guineas for 12 months. Perpetual Medical and Surgical fee, 3*l.*, which may be paid in 2 instalments. There are Scholarships and Prizes open to all students at school who have completed 2 years of study. Dean, R. Caton, M.D., M.R.C.P. Principal, G. H. Rendall, M.A., London.

\* LIVERPOOL, ROYAL INSTITUTION SCHOOL. Founded 1819. This is a Classical school, with a Modern and Scientific Department. French and German form part of the regular course of instruction. Number of pupils. 120. Fees for tuition: day-boys, 20 to 25 guineas per annum. The Head Master receives boarders at 100 guineas. Three Scholarships are attached to the school, tenable at Oxford or Cambridge, awarded as the result of the annual Examination, conducted by University Examiners specially appointed. Head Master, Rev. H. I. Johnson, M.A., late Scholar of Christ's College, Cambridge; assistant Masters, P. Hebblethwaite, M.A., late Scholar of Trinity College, Cambridge; G. Jones, B.A., late Scholar of Jesus College, Oxford; Rev. W. Haines, M.A., late Scholar of Jesus College, Oxford, and others.

\* LIVERPOOL, NORTHERN INSTITUTE, YORK TERRACE, NETHERFIELD ROAD. About 500 pupils receive a liberal Commercial education, which is the whole aim and end of the instruction given. English subjects receive the pre-eminent attention their importance demands. In the higher classes much of the work consists of Mercantile correspondence, Letter-writing, Book-keeping, etc. The Bible is the only book used for religious instruction. Every class has a separate room, and a Master constantly in charge of it. Different subjects are taught by different Masters. Fees: for Commercial pupils, 4 guineas; Professional pupils, 5*l.* 10*s.* per annum for tuition alone. Boarders are received by some of the Masters. 49 certificates, 9 in honours, have been gained by the pupils up to 1873 at the University Locals. Head Master, George Coutie, M.A., and 14 assistant Masters.

\* LIVERPOOL, PARKFIELD SCHOOL, AIGBURTH. Established 1860. Instruction in Classics, Mathematics, and Modern Languages, to 70 pupils, 10 being boarders. Boarders pay 60 and 70 guineas, according to age; day-pupils, 12, 16, and 20 guineas. 2 Scholarships, value 10 guineas each, tenable at school for 1 year, awarded at Examinations held annually at Christmas. Vacations, 12 weeks. A. G. Steel, the great Cambridge cricketer, was a pupil of this school. Principal, Robert Ray, M.A., and 11 assistant Masters.

\* LIVERPOOL, THE SCHOOL, 85. CANNING STREET. The course of study pursued is such as to fit the pupils either for a Professional or a Commercial life, and includes a sound English Education, Latin, Greek, Euclid, Algebra, Trigonometry, Mensuration, French, German, Music, and Drawing. Pupils prepared for the Preliminary Medical and Law, Oxford and Cambridge Local, and London Matriculation Examinations. Terms: for day-pupils, from 12 to 20 guineas per annum. Principal, Alfred H. Thomas, with assistant Masters.

\* LIVERPOOL, CLASSICAL, MATHEMATICAL, AND COMMERCIAL SCHOOL, No. 41, IRVINE STREET, EDGEHILL. A liberal, comprehensive.

and sound education is provided, either for Commercial life, or for entering College. The course of instruction embraces the Latin and Greek Languages, Algebra, Arithmetic, Natural Philosophy, English subjects, Drawing, etc. Terms, per annum : for day-pupils, from 8*l.* to 10*l.* ; for boarders, from 40 to 45 guineas. Vacations : Midsummer, 6 weeks ; Christmas, 3 weeks. Principal, the Rev. Richard Oates, with assistant Masters.

LIVERPOOL, PRINCE'S PARK SCHOOL, 50, DEVONSHIRE ROAD. This School affords a high-class and unsectarian education. Instruction is given in general English subjects, Modern Languages, Latin, Greek, Hebrew, Mathematics, Music, Drawing, and Natural Science. Candidates are also prepared for the various Public Examinations. Prizes are awarded at Christmas and Midsummer. Terms : boarders, 40 to 50 guineas ; weekly boarders, 30 to 40 guineas ; daily boarders, 16 guineas ; daily pupils, 8 guineas per year. Principal, P. McDonald, with a staff of assistant Masters.

† \* LIVERPOOL, EVERTON. 3. SHAW STREET. Established 1852. Instruction in Classics, French, Mathematics, Chemistry, etc., to about 60 boys, from 9 years, on payment of 12 to 14 guineas per annum. University Local Examinations. Vacations, 9 weeks. Principal, H. Johns, with 3 assistant Masters.

† LIVERPOOL, WAVERTREE ACADEMY, *near* LIVERPOOL. Established 1851. Instruction in Latin, French, and English Commercial course, to 40 boys, chiefly day-pupils at 4 to 8 guineas per annum. Principal, W. H. Colbert.

LIVERPOOL, 4, VICTORIA ROAD, WATERLOO, removed from BLUNDELL-SANDS. Preparatory School for the sons of gentlemen. The course of instruction, which is preparatory for the Public Schools, includes the usual routine of an English education, together with the Greek, Latin, and French Languages. Fees : boarders, 70 guineas per annum ; day-pupils, 35 guineas per annum. Principal, Miss Burrows.

LLANDOVERY (*Caermarthenshire*), WELSH COLLEGIATE INSTITUTION. Visitor, the Right Reverend the Lord Bishop of S. David's. Founded 1847, by Thomas Philips. Endowment, 630*l.* per annum. The course of instruction includes Classics, and in the higher forms is framed in accordance with the requirements of the new system recently prescribed in the Classical Honours School at Oxford and Cambridge ; Mathematics, including Arithmetic, Euclid, and Algebra, and in the higher forms Trigonometry, Geometrical Conic Sections, Analytical Geometry, Mechanics, and the Differential Calculus. Sciences: The Laboratory and the Museum are fitted up with all the appliances necessary for a practical study of Chemistry. The Modern Department is designed for those entering upon Commercial pursuits, and those preparing for the Preliminary Legal, Medical, Army, and Civil Service Examinations. There are 20 Scholarships, value 8*l.* 8*s.* per annum, and tenable for 6 years. There are also 2 Exhibitions attached to the school, value 27*l.* per annum each, tenable for 4 years, 1 at Jesus College, Oxford, and the other at any College or Hall in that University. There is a Musical Scholarship of 8*l.* 8*s.* per annum. A public Examination of the school takes place annually at Midsummer. The holidays are : 6 weeks at Midsummer ; 4 at Christmas ;



and 2 at Easter. Terms: board and tuition inclusive (at the Warden's house), 45 guineas per annum; at other Masters' houses, 40 guineas per annum. The Warden has accommodation for 80 boarders at the College; boarders are also received by Charles E. Williams, Esq., at Prospect House, and by the Rev. G. W. Gent, at Forrest House. Warden, the Rev. Alfred G. Edwards, M.A., assisted by 2 resident and 3 non-resident Masters. Secretary, J. Watkins.

† LLAN EGRYN (*Merionethshire*), FREE SCHOOL. Founded 1650, by Hugh Owen. Endowment, 109*l.* per annum, with house. Has long been conducted as an Elementary English School. Head Master, not yet appointed.

† LLANTYSILIO VICARAGE (*Vale of Llangollen*), NORTH WALES. The Vicar offers a thorough preparatory course for Public Schools, for 2 or 3 boys, or can prepare 2 young men for Oxford or Cambridge. Terms: 80 to 100 guineas each. Principal, the Rev. H. Humphreys, M.A., late Scholar of Jesus College, Oxford.

† LLANTILIO CRESSENEY (*Monmouthshire*), FREE GRAMMAR SCHOOL. Founded 1654, by James Powell. Endowment, 186*l.* per annum. This is now an elementary school. Head Master, not yet appointed.

† LLEDROD AND YSTRAD MEURIG (*Cardigan*), GRAMMAR SCHOOLS UNITED, *viâ* CAERMARTHEN AND LAMPETER. Founded 1734, by Thomas Oliver. Annual endowment, about 300*l.* Course of instruction, Classics, so far as to qualify for the Universities. There are 150 pupils, of whom 72 are free, viz., natives of the parishes of Ystrad Meurig, Ys pytty Ystwyth, and Lledrod Upper. Terms: boarders, 50*l.* per annum; day-boys, 4 guineas. Examinations at Midsummer by Oxford and Cambridge Graduates. Vacations, 13 weeks. Head Master, the Rev. John Jones, M.A., Oxon, and 4 assistant Masters.

LLANGOLLEN, GREEN LODGE. A limited number of youths prepared for the Public Schools and Universities. Terms: including French, German, Drawing, and seat in church, 60 guineas per annum. Green Lodge Junior School for boys under 14 years of age. Terms: 45 guineas per annum. The Scholastic year is divided into 3 terms,—Lent Term, Summer, and Michaelmas. Principal, the Rev. Dr. Ellis.

\* LLANELLY (*Caermarthen*), ATHENÆUM SCHOOL, THE PARK. Established 1864. Commercial education, including Greek, Latin, French, and German, is given to 40 pupils from the age of 8 years. Has 3 Exhibitions: the Lewis Exhibition, of 5*l.*; the Stepney Exhibition, of 5*l.*; and the Old Scholars' Exhibition, of 3*l.* 3*s.* Examinations: quarterly, by the Masters; annually, by a competent Examiner, Clergyman, or Inspector of Schools. 8 weeks' vacation: 5 in summer; 2 at Christmas; 1 at Easter. Principal, Robert Linn; 1 assistant Master.

\* LLANRWST (*North Wales*), LLANRWST GRAMMAR SCHOOL. Founded 1610. Endowment, about 600*l.* This school prepares boys for the Universities, for the Oxford and Cambridge Local, for Medical, Legal, and other Examinations, and for the Public Schools. The school fees are, for boys above the age of 13, 3*l.* a year; for boys below that age, 2*l.* a year. The school year, which consists of 40 weeks, is divided into 3 terms, and holidays are given at Midsummer, Christmas, and Easter.



The Head Master receives a limited number of boarders. Terms : from 40*l.* to 45*l.* per annum. Head Master, Rev. J. I. Farr, M.A., late Scholar of Sidney College, Cambridge, and assistant Master at Cheltenham College, with assistant Masters.

\* **LLANDILO** (*Caermarthenshire*), **THE GRAMMAR SCHOOL.** The ordinary school course comprises all the branches of a liberal English education, the Latin and Greek Languages, and Mathematics. Modern Languages and Drawing may also be included. Due attention is given to those subjects which are indispensable to pupils intended for Mercantile pursuits. The course of instruction is arranged to meet the requirements of the Oxford and Cambridge Local and other Examinations. An entrance fee of 10*s.* 6*d.* is charged. Fees : for board and tuition, 40 to 45 guineas a year ; day-pupils, 10 guineas a year. Principal, P. Smith, with assistant Masters.

**LLANDILO, THE ACADEMY.** A sound education afforded in Classics, Mathematics, and the usual English subjects. Terms, per annum : board and tuition, 30*l.* ; tuition, 4*l.* 4*s.* Principal, Daniel Jones.

**LLANDULAS, NEAR ABERGELE** (*North Wales*), **ARNOLD HOUSE.** This school has held a high position in Chester for many years past, and was removed to Llandulas early in 1881. It was established in 1870, and the nature of the education is such as qualifies for the Public Schools. Average number of boys, 50. Terms, 100*l.* per annum. Special tuition given free of charge to candidates for Public School Scholarships, in obtaining which this school has been very successful, and Scholarships have been obtained direct from this school at Westminster, Rossall, Winchester, Rugby, and Uppingham. In July, 1875, the first Open Scholarship at Winchester was awarded to an Arnold House boy. Examinations are held three times a year, partly by the Masters and partly by University Examiners. Vacations, from 13 to 14 weeks in the year. Principal, Rev. J. C. C. Pipon, M.A., late Scholar of Lincoln College, Oxford, and 3 resident assistant Masters.

**LLYSFAEN, THE RECTORY, ABERGELE.** A few pupils between 10 and 17 years of age prepared for the Public Schools, etc. The course of education comprises English, Latin, Greek, and Mathematics. Terms : 100*l.* per annum. Extras : French, German. Principal, the Rev. Samuel Evans, B.A., Rector of Llysfaen, Abergel.

\* † **LOHCARRON** (*Ross, Scotland*), **PARISH SCHOOL.** Founded 1698. Endowment, 60*l.* per annum. Instruction in Classics, Mathematics, French, and liberal English course, to about 145 boys, from 6 years old, 80 of whom (being sons of the poor) are free, and the others pay small sums. Clerical and Government Examinations, as well as University Locals. Vacations, about 8 weeks. Head Master, not yet appointed.



## LONDON SCHOOLS.

### SCHOOL BOARD FOR LONDON.

*Offices :* VICTORIA EMBANKMENT, W.C.

For list of members, see page 675. According to the last official report issued in October 1883, it appears that at that time the Board had under its control 329 schools; of those, 270 were permanent schools, 31 were held in temporary buildings, and 28 had been transferred to the Board. These schools gave accommodation to 295,746 children. These figures showed an increase upon the last report of 8 schools, and 15,471 places. There were at Easter last in the Metropolis 700,894 children requiring elementary education. The Voluntary Schools at midsummer provided for 262,238, and the Board 295,746, so that the entire provision at that time amounted to 557,984. When the Board have completed all their projected schools, they will have secured provision for 647,724 children. Meantime it was a solid gain that London had 295,725 efficient school places more than it had 12 years ago, the increase being 117·7 per cent. Sites and buildings together have averaged 16*l.* 8*s.* 3*d.* per child. In all these cases the provisions of the schools as well as the actual sites and buildings have been approved by the Education Department. As to attendance, the number on the roll for the half-year ending midsummer last was 311,695, and the average daily attendance 255,833, or 82·0 per cent.; the percentage of the voluntary schools, at the same time, being 80·1. The attendance was secured in various ways. The Board makes its masters and mistresses responsible for the regularity of their pupils. At the same time the number of apathetic and neglectful parents is such as to render most necessary the labours of their 11 superintendents and 247 visitors who formed the machinery for applying compulsion. The Board awards prizes to children. As to the teaching staff, at Lady-day the Board had in their schools 4,087 adult teachers, of whom 544 held first-class certificates, and 2,367 second-class. There were also 1,107 pupil teachers, and 389 candidates. Bible instruction, with simple religious exercises, formed a part of the daily programme. Needlework and cookery and domestic economy were also taught in the girls' schools; while lectures had been given to scholars on temperance and thrift. Children had been encouraged to deposit in the Post-office Savings Bank, and libraries had been established. The Board educates 191 deaf and dumb and 105 blind children, and 515 children are provided for in industrial schools and training ships. The chief heads of expenditure for the current year are estimated as follows:—For school maintenance, a sum of 492,576*l.* 5*s.*; for the compulsory bye-laws, 33,539*l.* 12*s.*; for industrial schools and training-ships, 35,565*l.* 15*s.* Their sources of income arose from Government grants earned by scholars, amounting in the last year to 187,477*l.* 15*s.* 8*d.* But their chief dependence was on the rate, which stands at 6·86*d.* Chairman of the Board, Edward North Buxton, Esq.; Clerk of the Board, George Hector Croad, B.A.

## LONDON, E.

**BANCROFT'S HOSPITAL.** This school belongs to the Drapers' Company, and gives free board and education (with clothing) to about 100 boys, who leave school at 15. An Exhibition of 60*l.* a year for three years is given annually to the boy who stands highest in the First Class of the Oxford Local Examination for Juniors, and this leads under certain circumstances to a further Exhibition of 100*l.* a year for three years. Nominations are given by Members of the Court of Assistants of the Drapers' Company in rotation. Particulars as to the entrance Examination and the list of Governors can be obtained of the Clerk of the Drapers' Company, Drapers' Hall, Throgmorton Street, E.C. Head Master, Rev. J. E. Symms, M.A., St. John's College, Cambridge, with 4 assistant Masters.

† **BOW, SIR JOHN JOLLES' SCHOOL** (*3rd Grade*). Founded 1617. Endowment, 26*l.*, increased by Drapers' Company to 54*l.* per annum. Instruction in English course, with Latin and French, to 35 Foundationers free, and 20 other boys, paying 30*s.* to 40*s.* per annum. Vacations, 4 weeks. Head Master, F. W. Chipperfield.

\* † **CLAPTON (LOWER), PRIORY HOUSE SCHOOL.** Preparation for University Local Examinations, and a general course of instruction suited to Commercial life. Principal, H. Anderton.

\* † **CLAPTON, S. JAMES' COLLEGE.** This collegiate school affords an education of the highest class, combined with very careful training in the principles of the Church. Instruction in Classics, Mathematics, French, Drawing, English Literature and Composition. There are 3 terms in the academical year, for which the fees are from 50 to 75 guineas per annum each. Warden, the Rev. G. Preston Read, with resident assistant Masters.

**CLAPTON, CLAPTON COLLEGE.** A high-class school for general education. The system adopted in this educational establishment embraces English, Mathematics, Classics, and Modern Languages. Terms: for day-pupils, from 4 to 10 guineas per annum; for resident pupils, 60 guineas per annum, under 16 years of age. Principal, Rev. J. Lardner Burke, M.A., LL.D., assisted by competent Teachers.

\* **CLAPTON COMMON, MILTON HOUSE SCHOOL.** Established 1859. The curriculum embraces the subjects prescribed for the College of Preceptors, and the Local Examinations of Cambridge and Oxford. Terms: for boarders, from 35 to 40 guineas per annum. Principal, G. C. Drew, with resident assistant Masters.

**DALSTON, DALSTON COLLEGE, ALBION HALL, ALBION SQUARE.** Established 1867. The chief object of the college is to prepare boys for Commercial life. Terms: from 3 to 4 guineas per annum. Principal, H. F. Plunkett.

† **FOREST LANE, BUXTON COLLEGIATE SCHOOL, BUXTON ROAD.** Instruction in Latin, Greek, French, German, Natural Science, etc. Terms:

boarders, 20 guineas per annum; day-boys, 12 guineas per annum. Principal, H. Randall, and 2 assistant Masters.

\* HACKNEY, MADRAS HOUSE GRAMMAR SCHOOL. Established 1796. Pupils are prepared for Professional and Mercantile pursuits, essential to a correct and liberal education. Terms: for boarders, from 30 to 36 guineas per annum; day-pupils, 9 guineas per annum. Vacations, 13 weeks. Principals, Messrs. Paine and Wilson, with resident and visiting Masters.

HACKNEY DOWNS, LONSBURY COLLEGE, LONSBURY HOUSE, NIGHTINGALE ROAD. Established 1866. The education is suited for those intended for a Commercial life. The terms are from 28 to 30 guineas per annum for boarders. Principal, John Langton, M.R.C.P., and assistant Masters.

HACKNEY DOWNS, CLAPTON, E. THE GROCERS' COMPANY'S SCHOOLS (*3rd Grade*). These schools were founded in 1873, under the authority of the Endowed Schools Commissioners. The Governors are the Court of the Grocers' Company. There is accommodation for 630 pupils, and there are 380 now on the books. Boys enter from the age of 7 up to 12. The fees are 6*l.* a year; entrance fee, 1*l.* The course of study includes the English Language and Literature, English Composition, History, Commercial and Physical Geography, Arithmetic, Mathematics, Surveying, Writing, Book-keeping, Drawing, French, Vocal Music, and the Elements of Science. 3 Scholarships are at present held at the school. More will be founded shortly. Scholarships cover all school expenses. Head Master, Rev. C. G. Gull, M.A., and 13 assistant Masters.

HACKNEY, SOUTH HACKNEY SCHOOL OF COMMERCE, IN CONNECTION WITH THE ALBION COMMERCIAL INTERNATIONAL COLLEGE, BROADWAY. Established 1828. The course of instruction embraces the ordinary English course, including Mathematics, Drawing, and Music. Terms: for boarders, from 28 to 40 guineas; day-pupils, from 9 to 16 guineas per annum. 8 Scholarships, all tenable at the College, of the aggregate value of 140 guineas, are competed for by the day and boarding pupils. Principals, Messrs. G. J. Knight and Sons.

\* HACKNEY, SOUTH, GROVE HOUSE SCHOOL. Established 1848. This school is intended to give, at a moderate expense, a sound and liberal education for efficiency in Commercial life. The fees for day-pupils range from 6 to 9 guineas; for boarders, from 30 to 39 guineas per annum. Principal, E. Watkinson, Member of the London University.

† HACKNEY, SOUTH, THE COLLEGE. Established 1866. There are 40 boarders, who pay from 26 to 32 guineas per annum, and 75 day-pupils, from 4 to 10 guineas per annum. Examinations by the College of Preceptors and University Locals. Vacations: Midsummer, 5 weeks; Christmas, 3 weeks. Principal, W. Holt, with 3 resident and 5 non-resident Masters.

LEYTONSTONE (*Essex*), FOREST HOUSE SCHOOL, CAMBRIDGE PARK. Course of instruction: English, French, German, Latin, Greek, and Hebrew, Arithmetic, Algebra, Trigonometry, Book-keeping, Land-Surveying, Drawing, History, Composition, and Natural Philosophy.

Terms : for boarders, 35 to 40 guineas per annum. Principal, Joshua Dukes, L.C.P., with resident assistant Masters.

† \* † PLAISTOW, GRAMMAR SCHOOL. Preparation for University Local Examinations. Principal, the Rev. E. Marsh.

\* RATCLIFFE, COOPERS' COMPANY'S GRAMMAR SCHOOL, SCHOOL HOUSE LANE. This school, founded by Nicholas Gibson, Citizen and Grocer of London, in 1538, is under the government of the Master, Wardens, and Court of Assistants of the Coopers' Company. Endowment 831*l*. Accommodation is provided for 300 boys, and a liberal and useful education is offered. The course of instruction includes the English, Latin, French, and German Languages, Mathematics, Arithmetic, Writing, Book-keeping, Drawing, Shorthand, and the Elements of Chemistry, and Natural Philosophy. Advanced pupils are prepared for the Oxford and Cambridge Local, Civil Service, and other Examinations. Medals and prizes are offered for competition every half-year. There are 3 Gibson Scholarships, each of the value of 20*l*. per annum, tenable for 3 years, with free education in the school. Boys are admissible at 7 years of age, when they are expected to be able to read easy narrative, and to write legibly. Higher attainments are expected according to age. Applications for admission must be made on the prepared forms, which may be obtained either personally or by letter, from the Head Master, at the School, or of John Boyer, Clerk to the Company. Head Master, Henry Pinder, B.A., London, and 10 assistant Masters.

SPITALFIELDS, JEWS' FREE SCHOOL. This large and flourishing school was founded in 1817, and now accommodates 1,600 boys and 1,100 girls. The family of the Rothschilds took much interest in the young institution, and contributed munificently to its maintenance and advancement. The former President was the late Sir Anthony de Rothschild, who is now succeeded by his nephew, Sir N. M. de Rothschild. The Committee abandoned the monitorial system, and originated the tutorial system, and also devised means for training their own teachers, as done for general schools in Normal Colleges. Besides the pupils in attendance as stated above, about 100 teachers are being taught and trained in the establishment. Moses Angel is the Head Master, and continues, after 40 years of service, to direct this the largest educational establishment in the British dominions. The late Alfred Davis was the Treasurer 35 years ago, and he devoted no less than 60,000*l*. to promote the advancement of the school.

STEPNEY, DEMPSEY STREET, JUBILEE STREET, THE EAST LONDON UNION FOR ADVANCED EDUCATION. This Institution is in connection with the Government Department of Science and Art, and the City and Guilds of London Institute. President, H.R.H. the Duke of Albany. Chairman of Committee, Rev. J. F. Kitto, M.A. Treasurer, Sir Edmund Hay Currie, with 4 Trustees and 45 Vice-Presidents. The origin of the East London Union for Advanced Education (Evening Classes) will be clearly explained in the following brief introductory remarks. The object being to raise the whole character of the district intellectually and socially by giving young people opportunities of obtaining better positions in life. The work of the East London Branch of the Society for the Extension of University Teaching, and of the classes which



were formed with the view of acting as feeders to that movement, now ranks among the institutions of general public interest, and as an illustration of the extended usefulness of the "Preparatory University Teaching Classes," we find the "East London Union for Advanced Education" superseding the less ambitious description of the useful educational movement, which, by the labour of Mr. F. H. Parsons, was initiated, and by his perseverance, and the encouragement and assistance of public men in East London, has been promoted, until such satisfactory progress has been made, that the membership of the classes reaches the important number of 3,000, and this, too, by steady and unostentatious work, and now provides evening classes, at which the knowledge of languages, of various branches of science and art, or courses of technical study may be pursued. The objects being:—(a) To maintain in the East of London an Educational centre, where instruction in the higher branches of knowledge—Science, Art, Languages, Technology, and other subjects of general utility—will, for the lowest possible fees, be afforded by Teachers of well-ascertained ability. (b) To officially connect with the Union the various Young Men's Societies and Institutes in the district; and to enlist the co-operation through a wide area of as many as possible who come into relations with young people, such as Ministers of various Denominations, Officers and promoters of Young Men's Societies, Clubs, Institutes, etc.; Teachers of Public Schools, Employers of labour, and influential laymen generally. (c) To provide all necessary apparatus for carrying on the various classes and making them widely known throughout the district. The Subjects embraced in the curriculum being:—Agriculture, Algebra, Arithmetic, Art, Book-keeping, Building Construction, Carpentry, Chemistry, Christian Evidences, Civil Service (Excise, Lower Division, Customs, Boys, Ladies), Divinity, Drawing, Elementary Classes, Elocution, English Grammar, English Composition, Experimental Physics, French, Geology, Geometry, German, Greek, Hebrew, Hygiene, Latin, Machine Construction, Magnetism and Electricity, Mathematics, Matriculation, Mechanics, Mechanical Engineering, Physiography, Physiology, Political Economy, Shorthand, Steam, Violin Class, Vocal Music (Tonic Sol-Fa). Prizes and Certificates are offered to large amounts by the Science and Art Department, the City and Guilds of London Institute, and by the Council of the Union. The fees for Science and Art Subjects are from 3s. to 4s. for the course of 9 months; Commercial and other Subjects from 3s. to 4s. for 3 months, 5s. to 7s. for 6 months; Civil Service Classes 10s. to 12s. 6d. for the course, these being brought within the reach of all possessed with the desire for mental improvement. The Institution is absolutely non-sectarian; it is not to enter into competition with existing agencies of an educational character; but directing its efforts to the higher educational wants of East London, it aims at providing the best teaching power, supplementing its class work by occasional lectures. Class work is, however, the main feature. To testify to his appreciation of the educational work being done, the Duke of Albany has, upon the application of the Chairman of the Committee, consented to become the President. Amongst those to whom the movement is indebted, the following gentlemen may be mentioned:—The Rev. John Fenwick Kitto, M.A., Rector of Stepney, son of the celebrated Dr. Kitto; the Rev. A. J. Ross, B.D., DD., late Vicar of St. Phillip's, Stepney; the Rev. John Kennedy, D.D.; the Rev. Harry Jones, M.A., late Rector of St. George's-in-the-East; to

Edward North Buxton, Esq., Chairman of the London School Board ; to Rev. Dr. McAustane of Hackney ; to Sir Edmund Hay Currie ; the Rev. John Saunders, B.A., of Wycliffe Chapel, E. ; to the Rev. W. P. Insley, M.A., Rector of Bow ; to the Rev. Archibald Brown, of the East London Tabernacle ; the Rev. A. J. Robinson, M.A., Rector of Whitechapel ; the Rev. Septimus Hansard, M.A., Rector of Bethnal Green ; Mr. William George, of Somerset House, and South Hackney ; the Rev. Joseph Fletcher, of Commercial Road Chapel ; Mr. R. M. Gumell ; Mr. A. Griffin, the Hon. Assistant-Secretary. Hon. Secretary, F. H. Parsons, White Horse Lane, E.

STRATFORD GREEN (*Essex*), STRATFORD HOUSE SCHOOL. Established 1843. The course of instruction includes Scripture, the English, French, Latin, and Greek Languages, as well as Physical Science, Geometry, Algebra, and Shorthand. The year is divided into 3 terms. Vacations, 13 weeks. School fees : boarders, 30 guineas ; day-pupils, 6 guineas per annum. Principals, Joseph Freeman, L.C.P., J. Hersee Freeman, F.R.A.S., F.C.S., and William H. Freeman.

† STRATFORD, ALFRED HOUSE SCHOOL, MARYLAND POINT. Established 1862. Instruction in English, French, Latin, Mathematics, Drawing, etc. Annual terms : boarders, from 40 to 60 guineas ; day-pupils, from 4 to 18 guineas. Examinations at Mid summer. Vacations, 10 weeks. Principal, George Adlington, London University, and 5 assistant Masters.

TREDEGAR SQUARE, BOW ROAD, PRISCA COBORN'S FOUNDATION SCHOOL. For boys from 7 to about 15. Fees 6*l.* a year. Scholarships and Exhibitions attached to the school. Head Master, A. E. Drinkwater, M.A., F.C.S., Merton College, Oxford.

WHITECHAPEL, WHITECHAPEL FOUNDATION SCHOOL, LEMAN STREET. Founded 1857. Endowment, 600*l.* About 200, all day-scholars, receive a good English Commercial education, with Latin, French, German, and Mathematics—6 scholars being free, the rest paying 7*l.* per annum. There are 6 Exhibitions, giving free education in the school to 6 scholars till they reach the age of 16. Examination annually by Examiners appointed by the Trustees. Vacations, 9 weeks. Head Master, Charles Robinson, B.A., London.

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## LONDON, E.C.

\*\* MERCHANT TAYLORS' SCHOOL, CHARTERHOUSE SQUARE. See PUBLIC SCHOOLS, Part V.

ST. PAUL'S SCHOOL, ST. PAUL'S CHURCHYARD, MERCER'S HALL. See PUBLIC SCHOOLS, Part V.

CHRIST'S HOSPITAL, NEWGATE STREET. See PUBLIC SCHOOLS, Part V.

CITY OF LONDON SCHOOL, VICTORIA EMBANKMENT. See PUBLIC SCHOOLS, Part V.

† **BASINGHALL STREET, GRESHAM COLLEGE.** Founded 1591. Provides lectures gratuitously, during Law Terms, in the Hall, Basinghall Street, E.C., on the Seven Liberal Sciences. Connected with the Mercers' Company.

**BOLT COURT, FLEET STREET, STATIONERS' SCHOOL.** This school was established by the Stationers' Company, under a scheme of Chancery in 1858, and its object is to give at a nominal charge a useful education to the sons of Liverymen and Freemen of the Company; other scholars are admitted under the approval of the Court of Assistants. The course of education comprises instruction in the Principles of the Christian Religion, the English, Greek, Latin, French, and German Languages, Mathematics, History, Geography, Book-keeping, Writing, Drawing, Vocal Music, Drilling, Chemistry, and Physical Science. The school is entirely a day-school, the boys residing with their parents or next friends. The fee for the course of education is 7*l.* per annum. The hours of attendance are from 9 to 3, except on Wednesdays and Saturdays, when the school closes at half-past 1 o'clock. The "Edmund Hodgson" Scholarship, of the annual value of 20*l.*, with free education in the school, tenable for 4 years at any University in Great Britain. The "Thomas Brown" Scholarships, 3 of the annual value of 20*l.* each, tenable on the same conditions as the Edmund Hodgson Scholarship. The "Charles Knight" Scholarships, 2 of the annual value of 20*l.* each, tenable for 2 years and otherwise, on the same conditions as the Edmund Hodgson Scholarship. Besides the above there are several money prizes awarded annually, at the general Examination of the school in July. There are 5 weeks' holiday in the summer, 3 weeks at Christmas, and 1 week at Easter. Head Master, H. Chettle, M.A. Other Masters, Thomas Mitcheson, B.A., James Torry, M.C.P.; Fred Roberson, University of London; Fred Howard, G.M., A.K.C. French Masters, Mons. S. Barlet, B.Sc., Dr. J. Müller. German Master, Dr. William Finckh. Drawing Masters, George Carpenter and F. Howard. Vocal Music, James Turle Lee. Chemistry and Physical Science, J. Findlay. Clerk and Receiver, Charles Robert Rivington, Esq., 1, Fenchurch Buildings, E.C.

\* **COWPER STREET, CITY ROAD, CITY OF LONDON MIDDLE CLASS SCHOOL.** Incorporated under Royal Charter in 1866. The object of the founders of this institution is to provide a liberal and practical education adapted to the needs of that large class of boys who may be expected to leave school at 15 or 16, and to take an active share in the Commercial life of London. The course of instruction includes all those subjects to which parents are accustomed to assign the first importance, because of their immediate and obvious relation to business. It seeks, by the training of the intelligence in Mathematics, in Science, and in Literature, to encourage taste and intellectual aspiration, to develop the faculty of independent thought, and to promote the love of reading and the love of truth. The system of instruction has been confirmed and shaped by experience, and the present condition of the school is one of eminent prosperity and usefulness. Neither Latin nor Greek forms part of the staple of instruction in the school, but some pupils are prepared for the Oxford and Cambridge Locals, and up to 1873, 52 certificates had been gained, 19 in honours. The ages of the

boys range from 12 years in the third form, to a little less than 15 in the sixth form, and the average age at which boys leave the school is 2 years and a half below that at which boys leave the old Public Schools. About 1,150 pupils are in attendance, and the fees are 4 guineas a year. There are several Scholarships and prizes, including the Scholarships of Baroness Rothschild, of the Fishmongers' Company, and of the Skinners' Company, of the value of 50*l.*, and tenable for 4 years. Lady Tite's Scholarship of 20*l.*; Baroness Rothschild's prizes for Modern Languages; the Head Master's prizes of 5*l.*; other prizes are very numerous. Head Master, Dr. Wormell, with a staff of 26 assistant Masters, giving an average of about 45 pupils to each Master.

† CANNON STREET, MERCERS' COMPANY'S SCHOOL, 20, COLLEGE HILL, CANNON STREET. Founded 1542. At this school 150 boys are instructed, and Nominations are given by Master, Wardens, and the Court of Assistants, in order of rotation. No boy is admitted a scholar who, on examination by the Head Master, does not reach a graduated standard of attainment. The annual Capitation Fee of each scholar is 5*l.* 25 of the 150 boys in the school are Foundation scholars, who pay no Capitation Fee. The places of the scholars as they become vacant are filled by a competitive Examination (in which Greek shall not be one of the subjects) open to all such boys under 14 years of age as are in the school. Under the New Scheme there are 9 Exhibitions of 25*l.* a year, tenable for 3 years at any place of higher education. Boys must have entered school under the age of 12 years, and have been 5 years at the school. Head Master, Rev. Douglas L. Scott, M.A., LL.D., with several assistant Masters.

FINSBURY CIRCUS, THE LONDON INSTITUTION. This institution is for the advancement of literature and the diffusion of useful knowledge, and was founded under that title in 1805, and incorporated by Royal Charter in 1807. It maintains a library of 70,000 vols. for reference and circulation (members being allowed to borrow 10 vols.); provides reading rooms well supplied with newspapers, magazines, reviews, and scientific and technical journals; it further promotes the diffusion of useful knowledge by lectures, extending over four winter months, and delivered by the most distinguished lecturers of the day. This is an association of 950 proprietors, in whom are vested the freehold and funded property. The present funded capital amounts to upwards of 37,000*l.* stock; all the buildings of the institution are freehold, and the land-tax is redeemed. Subscribers' tickets, giving personal admission to the advantages of the institution for 1 year from the day of purchase, are issued at 2*l.* 12*s.* 6*d.* or 2*l.* 2*s.*, according as the subscriber wishes or does not wish to attend the lectures. President, Warren de la Rue, Esq., D.C.L., F.R.S.; Treasurer, A. J. Robarts, Esq.; Assistant Librarians, George Parr, Esq., Henry T. Williams, Esq., Frederick A. Cox. Professors: Chemistry, Henry E. Armstrong, Esq., Ph. D., F.R.S., Sec. C.S.; Botany, Robert Bentley, Esq., F.L.S.; Music, John Ella, Esq.; Principal Librarian and Superintendent, J. Macdonald Horsburgh, M.A.; Hon. Sec., Rev. W. Rogers, M.A.

CITY ROAD, FINSBURY COLLEGE, 53A, CITY ROAD. The system of education adopted is that which modern science and experience have shown to be most in accordance with the constitution of the human



mind, and best calculated to strengthen, develope, and rightly direct its faculties. The course of instruction includes English, Mathematics, Drawing, Mapping, Natural Philosophy, and all Science subjects, Vocal Music, French, German, Hebrew, Greek, or Latin. Classes are formed in connection with the Science and Art Department, South Kensington. Terms: from 3*l.* to 6*l.* per annum. Principal, Rev. Thomas Wells Cave, LL.D., assisted by non-resident Masters.

\* TRINITY SQUARE, BREWERS' SCHOOL, OR DAME ALICE OWEN'S SCHOOL, TOWER HILL. Founded by Alderman Hickson, A.D. 1687. The object of the school is to provide a useful and liberal education for the sons of professional men and respectable persons engaged in business in and near London. The number of scholars is limited to 100. 20 of these may be Foundationers, and are educated free (14 belonging to Allhallows-Barking, and 6 to S. John, Wapping), the rest pay 7*l.* 10*s.* per annum, and are admitted as vacancies occur. Instruction in Classics, French, German, Drawing, Mathematics, Chemistry, and Natural Science, etc. Examiners nominated by Brewers' Company. Vacations, 12 weeks. Head Master, the Rev. Herbert Williams, M.A., and 4 assistant Masters. Clerk to the Brewers' Company, W. C. Higgins, Addle Street, Brewers' Hall, Aldermanbury.

SKINNER STREET, BISHOPSGATE UPPER SCHOOL. The schools were originally founded in 1702, but the present extensive buildings in Skinner Street, Bishopsgate, were only erected in 1872. They are capable of accommodating upwards of 1,500 scholars. The school was inaugurated by the Bishop of London, the Lord Mayor, Sheriffs, and Corporation of the city of London, and was opened for instruction on April 8th, 1872. A good Commercial education is given at this school, and the teaching of Science is a special feature, also Latin and French. There are about 170 pupils, who are admitted at the age of 7 and upwards by the Head Master. Fees, 4 guineas a year. The school year is divided into 3 terms. Vacations, 10 weeks. Rector, William Rogers, M.A.; Head Master, Edward W. Moore, M.A., with 6 assistant Masters.

TOTTENHAM, N. See Letter T.

MOORFIELDS, CITY OF LONDON COLLEGE. Patron, Her Most Gracious Majesty the Queen. This College is in connection with "The London Society for the Extension of University Teaching," and in union with the Society of Arts and the Government Department of Science and Art, it was founded in 1848, with the object of forming evening classes for young men. His Royal Highness the Prince of Wales presided at the opening of this College, in their newly-erected buildings, which are handsome in design and commodious in arrangement, in 1883. This institution, in an unpretending way, has been the means of bestowing an incalculable amount of good upon the youth of the City, and its alumni have increased from the half-score of pupils who first attended its classes to the 4,000 students who are now enrolled upon its registers. Classes are set apart for every department of art and science, and special attention is paid to modern languages, from the rugged Dutch to the mellifluous Italian. The new College, the foundation-stone of which was laid last year by Sir John Ellis, then Lord Mayor of London, occupies an excellent position



at the corner of North Street and White Street, within a stone's throw of Moorgate Station. The fees are very moderate. There are numerous Scholarships and Prizes, including the Lubbock Scholarship, of the annual value of 10*l.*; 4 Studentships, of the annual value of 5*l.* 5*s.* each. Instruction is given in the following subjects:—French, German, Italian, Spanish, Latin, Greek, Hebrew, Arithmetic, Geometry, Algebra, Trigonometry, Mensuration, English Language, Political Economy, Chemistry, Magnetism, and Electricity, Geology, Physical Geography, Shorthand, Drawing, Building, Construction, Machine Construction and Engineering, Animal Physiology, Metaphysics, Logic, Theoretical and Applied Mechanics, Law, Vocal Music. The vacation lasts 3 months,—July, August, and September. All Masters are non-resident. Principal, Rev. Richard Whittington, M.A., Trinity College, Cambridge.

MYDDLETON SQUARE, ARLINGTON HOUSE ACADEMY, CHADWELL STREET. In union with the College of Preceptors. Established 55 years. Principals, Messrs. Reynolds and Son, L.C.P.

S. LAURENCE, JEWRY, AND S. MARY MAGDALEN, MILK STREET, SMITH'S SCHOOL. Founded 1693. Endowment, 290*l.* per annum. The scheme established by the Court of Chancery, 1848, directed that the income be applied. 12 Exhibitions, not exceeding 20*l.* each, to King's College, University College, London, and the City of London School, for deserving boys from the above 2 parishes, to be selected by the vestries—2 by that of S. Lawrence, Jewry, and 1 by that of S. Mary Magdalen.

\* † S. THOMAS'S CHARTERHOUSE MIDDLE CLASS SCHOOL, 42 TO 44, GOSWELL ROAD. Boys trained (day-pupils) at 4 guineas a year, for Commercial pursuits, the Competitive Examinations in the Civil Service, and for the University Local Examinations. Head Master, C. Smith, and a staff of assistant Masters.

CANON STREET (No. 110). Special preparation for the Competitive Examinations and for admission into the Indian Civil Service. Principal, Dr. J. Klein, M.A.

## LONDON, N.

BARNBURY, 45, ELLINGTON STREET, ARUNDEL SQUARE. Established 1856. The instruction embraces Classical, Mathematical, and Commercial subjects. Day-pupils only. Terms: 4 to 8 guineas per annum. Principal, D. D. Allen, M.R.C.P., with assistant Masters. There is also a school for young ladies in connection with the above, conducted by Miss Allen.

\* DE BEAUVOIR TOWN, COLLEGIATE SCHOOL, 68, DOWNHAM ROAD. This school is in union with the College of Preceptors. The course of instruction comprises the English Language, Literature, and Composition, History, Geography, Arithmetic, Mathematics, Writing, Commercial Correspondence, Book-keeping, Drawing, and the Elements of Science,

Algebra. Pupils are prepared for the Oxford and Cambridge, College of Preceptors, Science and Art, South Kensington, Pharmaceutical, and Government Examinations, also special preparation for Commercial life. Terms: 3*l.* to 5*l.* per annum. Principal, A. M. Smith, with assistant Masters.

\* **FINCHLEY, CHRIST'S COLLEGE.** Founded 1857. This school has won a very high position for the thoroughness of the education. The pupils are prepared for the Universities, Professions, Military and Naval Colleges, and all Competitive Examinations. There is also a Modern Department, in which Modern Languages, Chemistry, and other Scientific subjects are taught. No day-boys. Average number of boarders, 185. Terms: 60*l.* per annum from 8 years of age. Scholarship, varying in number and value are awarded to boys resident in the college. Pupils prepared for Cambridge Junior Local Examinations, at which the pupils have obtained great success, no less than 541 certificates, 262 with honours, having been gained up to 1873. Examinations by University Examiners, etc. Vacations, 14 weeks. The profits of this school are wholly devoted to its improvements. Head Master, the Rev. R. W. Gallop, M.A., Lincoln College, Oxford, assisted by 13 resident Masters, Graduates of Oxford, Cambridge, Dublin, London, and French and German Teachers. See also Index to Appendix A.

**FINCHLEY, EAST END COLLEGE, STAFFORD HOUSE.** Established 1861. Instruction in English, Latin, French, Physiology, etc. There are about 70 pupils. Terms: boarders, 24 to 34 guineas per annum; day-pupils, 4 guineas per annum. Examinations annually by the College of Preceptors. Vacations, 9 weeks. Principal, Edward Cox; Vice-Principal, J. Wilde, M.C.P., assisted by resident and visiting Masters.

**FINCHLEY ROAD, BURGESS HILL, THE ANGLO-FRENCH COLLEGE.** An English Education is given, with as many of the following subjects as may be desired: Latin, French, German, Euclid, Algebra, Natural Philosophy, Drawing. Terms: for boarders, from 40 to 60 guineas per annum each. Principal, John Haysman, who frequently (personally) escorts pupils he introduces to various schools on the Continent.

**FINSBURY PARK, ROTHBURY HOUSE COLLEGE SCHOOL, STROUD GREEN.** The course of study embraces Greek, Latin, French, German, Mathematics, Book-keeping, Arithmetic, English Composition, History Geography, the Elements of Natural Science, Mapping, Drawing, and Music. Terms: 6 to 9 guineas per annum. No boarders. Vacations, about 12 weeks. Principal, E. Hardy, A.C.P., with assistant Masters.

**HIGHBURY PARK, Highbury Park College.** Boys are systematically prepared for Examinations required on entering the Public Schools, the Army, or the Professions, and for University Matriculation. Fees for boarders, 45*l.* to 60*l.* per annum. Principal, Mr. E. Chester Queripel.

**HIGHBURY PARK, Highbury Park School.** Head Master, Rev. G. Vasey, M.A.

**HIGHBURY NEW PARK, 37.** High-class boarding and day-school for boys. This school was removed to this address from Hamilton, Lanarkshire. See page 821. Principal, W. Wood.

HIGHGATE, SOLSGIRTH HOUSE, SOUTH GROVE. Resident pupils are received, to whom a high-class education is given, with the individual attention and comfort of a superior home. Pupils prepared for the Universities, Public Schools, Mercantile and Civil Service appointments, and Commercial life. The subjects taught are Greek, Latin, English, French, and German Languages, Landscape and Engineering, Drawing, Music, Mathematics, Arithmetic, General Science, and Book-keeping. The year is divided into 3 terms. Vacations, 13 weeks, corresponding with those of the Public Schools. Terms: from 60 to 90 guineas per annum. This school has been very successful at the Local Examinations, and also at the annual Examinations held by the College of Preceptors. Principal, the Rev. G. D. Bartlet, M.A., late Head Master and Chaplain of Mill Hill School, Hendon, Middlesex, with qualified assistant Masters.

† HIGHGATE ROAD, CRAVEN COLLEGE. Instruction in English, Geography, History, Book-keeping, Mathematics, Classics, French. Terms: for instruction and board, from 20 to 28 guineas per annum each. Principal, S. Giles, assisted by resident and non-resident Masters.

HIGHGATE, GROVE HOUSE SCHOOL. This excellent school was established in 1825. Instruction is given in Classics, Mathematics, French, German, English, etc., to about 60 boys, of whom 35 are boarders. Terms: boarders, 36 to 40 guineas; day-boarders 16 to 18 guineas; day-pupils, 10 to 12 guineas per annum. Vacations, 12 weeks. Principal, W. B. Pinches, L.C.P., assisted by resident Masters.

\* Highbury, NEW PARK, THE COLLEGE. Established 1855. Instruction in Classics, Mathematics, and Continental Languages, to about 50 boys, from 10 to 18 years of age. Pupils prepared for all Examinations. Vacations, 12 weeks. Principal, Samuel Kinns, Ph.D., F.R.A.S., etc., with 2 resident and 4 non-resident Masters.

\* CAMDEN ROAD, COLLEGIATE SCHOOL, CAMBRIDGE HOUSE, 354 356, CAMDEN ROAD. Established 1863. Preparation for Professional and Mercantile life, Classics and Modern Languages, Latin, German and French. From 120 to 130 daily pupils. Pupils prepared for Oxford and Cambridge Local Examinations. Vacations, 13 weeks. Principal, C. A. Shaw, with 7 assistant Masters, all non-resident.

HOLLOWAY COLLEGE, 2, 4, AND 6, SPENCER ROAD, LORDINE ROAD. Established 1864. The instruction is Commercial, and embraces French, English, Science, and Music (Vocal, Piano, and Harmony). There are 250 boys, at fees from 2*l.* 2*s.* to 4*l.* 16*s.* per annum. The pupils compete for the Scholarships offered by the Science and Art Department, tenable for 3 years. Vacations, 8 weeks. Principal, W. Roston Bourke, M.R.C.S. and C.M. (1st Class), with assistant Masters. There is a department for girls in connection with the school. Head Mistress, Miss C. Evans, assisted by Masters and Teachers.

\* TOLLINGTON PARK, THE COLLEGE, 3 AND 4, TURLE ROAD. This school was established in 1833, and is in union with the College of Preceptors. Instruction in Classics, Mathematics, Science, French, German, English, etc. Pupils prepared for the Examinations of the Cambridge and Oxford Middle Class, College of Preceptors, Civil Service, Royal College of

Surgeons, Apothecaries' Hall, and Pharmaceutical Society of Great Britain. Terms: boarders, 35 to 55 guineas; day-pupils, 6 to 10 guineas per annum. Principal, W. Brown, with assistant Masters.

**HORNSEY, OAKFIELD, CROUCH END.** Established 1859. Thorough preparation for Public Schools. There are 40 boarders and 40 day-boys. Fees: boarders, 70 to 90 guineas; day-boys, 20 guineas. Vacations, 13 weeks. Principal, Miss Charlotte Leighton, assisted by several resident Tutors and Governesses, and visiting Masters.

**HORNSEY. ALEXANDRA PARK COLLEGE, MIDDLE LANE.** Preparation for all Examinations. Special attention to Modern Languages and Science. Close to the Alexandra Park, to which pupils have access. Large plunge bath and laboratory. Of 92 candidates sent to the College of Preceptors in 1875, 1876, and 1877, 81 passed with first prizes for general proficiency and for Mathematics, and second prize for Natural Science. In the Cambridge Local, 1878, first, second, and third Honours. London Matriculation, June 1879, 1 in Honours. Terms, inclusive except for Books and Music: 40*l.* and 48*l.* per annum. Principal, C. Prout Newcombe, with a staff of assistant Masters.

**HORNSEY, CROUCH END SCHOOL.** Thorough instruction in Classics, Mathematics, French, German, English, etc., to boarders and day-scholars. Terms: boarders, 26*l.* to 36*l.* per annum. Principal, T. Knight, with resident assistant Masters.

\* **HOXTON, HABERDASHERS' SCHOOLS (3rd grade).** Founded 1875. These day-schools (developed out of Aske's Charity) were founded under a scheme of the Endowed Schools Commission "to supply sound, practical, and liberal education for boys and girls," from a fund left by Robert Aske, a Liveryman of the Haberdashers' Company in the time of William III. (1695). The pupils belong to the middle class, and there is accommodation for the education of about 400 boys and 300 girls. Large endowment. Pupils prepared for University Local Examinations. Instruction is given in both the boys' and girls' schools in Reading and Spelling, Writing, Arithmetic, and Elementary Mathematics, English Grammar, Composition, and Literature, History, Geography, Science and Art (in union with South Kensington), Latin, French, Drawing, and Music; in the boys' school in practical Carpentering and Instrumental Music; and in the girls' school in Household Management and Needlework. The boys' school is organised in two departments, viz., the Elementary Department and the Senior Department. Terms: 4*l.* per annum, including use of all school books. There are Exhibitions tenable at the school, 400*l.* per annum, besides remissions of fees for merit. Examinations by the Science and Art Department in May, and by an Official Examiner in December, each year. Vacations, 9 weeks. Forms of application for admission into the schools, and further information, may be obtained of R. J. Ellis, Clerk to the Managers, at the office of the schools, Pitfield Street, Hoxton, N. Head Master, R. W. Hinton, B.A., with 11 assistant Masters.

**ISLINGTON, THE ISLINGTON HIGH SCHOOL FOR BOYS.** Reconstituted in 1880. It remains as formerly a First Grade Public School, with Classical and Modern sides and a Lower School, and is under the management of a Committee of the Proprietors. Fees: about 12 guineas



annually. There are Scholarships tenable at the school, and Scholarships gained at the Universities by pupils are supplemented by grants from the Committee. The buildings at present accommodate 200 boys. Religious instruction is unsectarian. Three terms, of 13 weeks each. Instruction : On Classical Side—Holy Scriptures, Greek, Latin, French, Arithmetic, Euclid, Algebra and the Higher Mathematics, Ancient and Modern History, Geography and Literature, Political Economy, Drilling. On Modern Side—Holy Scriptures, Latin, French, German, Arithmetic, Euclid, Algebra and the Higher Mathematics, Modern History, English Grammar, Language and Literature, Geography, Political Economy, Chemistry and Natural Science, Book-keeping, Shorthand, Drawing, Drill. In the Lower School—Holy Scriptures, Latin, French, Arithmetic, History, Geography, English Grammar and Analysis, Writing, Drilling. There is an Annual General Examination of the school, and also Terminal Examinations in French and German. Upper Forms prepared for the Oxford and Cambridge Board Examination for leaving certificates. The present Bishop of London (Dr. Jackson) was sometime Head Master of the Proprietary School. Head Master, F. Pierrepont Barnard, M.A., Pembroke College, Oxford ; with a staff of 6 assistant Masters, chiefly graduates in honours of Oxford, Cambridge, and London Universities. Bursar and Secretary, the Rev. C. J. Finch, M.A., Pembroke College, Oxford.

ISLINGTON, SCHOOL OF SCIENCE AND ART, WINDSOR STREET, ESSEX ROAD. This is a secondary or middle-class school, and is in connection with the Science and Art Department, South Kensington. It was established March 15th 1852, for the purpose of furnishing a sound practical education to the sons of tradesmen, artisans, and others. The school is entirely self-supporting. The course of instruction includes lessons on Objects and Elementary Science, English subjects, Book-keeping, Vocal Music, and the Elements of Algebra, Geometry, and Mensuration. In the upper section systematic courses of lessons are also given in Experimental Physics, Mathematics, Mechanics, Human Physiology, Zoology, Botany, and Chemistry. The requirements also of the Civil Service are constantly kept in view. The school is open to boys from the age of 7 years and upwards. Terms : Senior division, upper section, 4 guineas per year, including systematic instruction in Science and Art and the French Language ; lower section, 3*l.* per year ; Junior division, boys under 9 years of age, 2 guineas per year. Head Master, John Howard, F.C.S., with a staff of Assistants.

† ISLINGTON, LADY OWEN'S SCHOOL, OWEN STREET, ST. JOHN'S STREET ROAD. Founded 1613, by Lady Alice Owen. Reconstituted by a Scheme of the Endowed Schools Commissioners, dated 14th August, 1878. The buildings of this school have now been completed. It is a day-school for 300 boys, open to all boys of good character and of sufficient bodily health, residing with their parents, guardians, or near relations within degrees to be determined by the Governors. The object of the school is to provide a sound, practical, Middle-class Education on moderate terms, viz., 3*l.* per annum, but these fees will probably be raised. The original school and almshouses, founded by Dame Alice Owen in 1609, were situated in John Street Road, between the Old Red Lion Tavern and the Crown and Woolpack. The



story of the origin of the school is as follows : Lady Owen was one day "walking abroad in the fields, attended by her maidservant, when she observed a woman milking, and had a mind to try whether she could milk the cow, which she did, when an arrow was shot through the crown of her hat (then worn very tall), which so startled her that she then declared if she lived to be a lady she would erect something on that spot of ground to commemorate the great mercy shown by the Almighty in that astonishing deliverance." Time passed on until she became a widow, when her servant, who happened to be the one who had been present when the accident occurred, reminded her of her vow. Her answer was that she remembered the affair, and would fulfil the promise. She therefore purchased the Hermitage Estate (being "land from the Welsh Harp to the Turk's Head"), and built thereon almshouses and a free grammar school in 1609. The story continues that the archer was Sir Thomas Owen, who afterwards married the lady. Scholarships, Exhibitions, etc.—Foundation Scholarships: The sum of 300*l.* per annum is available, when the school is in complete operation, for Scholarships tenable in the school. Alice Owen Exhibitions: The sum of 200*l.* is available for Exhibitions of an annual value of not more than 50*l.* each, for the promotion of higher education, tenable by distinguished scholars on leaving the school, who have regularly attended for two years at least. No Scholarship or Exhibition will be tenable for more than four years. Prizes are awarded by the Governors at their Annual Visitation, to the boys most distinguished for proficiency and good conduct. Head Master, James Easterbrook, M.A., Graduate in Honours, University College, London.

ISLINGTON, ENGLEFIELD COLLEGE, 127, ENGLEFIELD ROAD. Established January, 1877. The education is Commercial, and includes French and Latin, Natural Science, Drawing (Freehand, Model, Geometrical, Perspective), and Pianoforte. There are 130 day-pupils, paying 4*l.* 6*s.* and 8 guineas per annum. Music extra. Boys admitted by Principal from 6 years of age and upwards. Pupils examined by College of Preceptors half-yearly. Vacations : 1 week at Easter ; 5 weeks in August ; 4 weeks at Christmas. Principal, Joseph Percy, F.R.G.S., and 4 assistant Masters.

KENTISH TOWN, KENTISH TOWN SCHOOL, PADDOCK LODGE, FORTRESS ROAD. Boys' Public Day School Company Limited, Office, 19, Warwick Street, Cockspur Street, London, S.W. The first school of the Company was opened on the 12th September, 1883. It is proposed to establish schools in various districts upon a similar plan to Public Day Schools for girls, so many of which are in full working order. The object of this Company is to establish, organize, and manage, on a Christian basis, with a conscience clause, self-supporting Public Day Schools, intermediate in grade between the inspected elementary schools and public schools of the highest class. President : The Right Hon. Lord Aberdare, P.C., F.R.S., with 20 Vice-Presidents, and a Council consisting of sixteen members. Secretary, Edward Johnson. The course of instruction is intended to include :—Religious Knowledge, Reading and Recitation, Writing, English Grammar and Composition, Literature, History, Geography, Arithmetic, Algebra, Geometry, Latin, French, German, Elementary Science, Drawing, Singing, Shorthand, Drill or Gymnastics. The parent or guardian of any

scholar may, on giving notice in writing to the Head Master, withdraw such scholar from any lesson or lessons on a religious subject, or from attendance at prayers. No boy under eight years of age is admitted. The school year is divided into three terms of about 14 weeks each; the vacations to be about three weeks at Christmas, two in the Spring, and five in the Summer. The school hours are from 9 a.m. to 12-30 p.m., with a short interval for recreation; and from 2 to 4 p.m. Saturday is a whole holiday. The fees for the ordinary school course are as follows, viz.: for pupils under 10 years of age, 7*l.* 10*s.*; for pupils between 10 and 14 years of age, 9*l.*; for pupils above 14 years of age, 10*l.* 10*s.* per annum. Application for the admission of pupils should be made to the Head Master. Priority of admission is given to the nominees of shareholders. There will be periodical examinations to test the work of the pupils, conducted by Examiners from the Universities of the United Kingdom. A report of each boy's progress and conduct will be sent to his parents or guardians at the end of each term. Head Master. Alfred Allen, B.A., Trinity College, Dublin (late assistant Master at Christ's College, Brecon).

\* **LIVERPOOL ROAD, 328, ROXBURGH HOUSE COLLEGIATE SCHOOL.** Established 1820. Pupils are prepared for the Oxford Locals. The course of instruction includes general English subjects, Latin, Greek, French, German, Euclid, and Algebra; Lectures also given on Natural Science. Vacations average 12 weeks: Christmas, about 4 weeks; Easter, about 10 days; and Midsummer, about 6 weeks. A limited number of boarders are taken. Terms: from 40 to 60 guineas per annum; day-pupils, 7 to 10 guineas per annum. Principal, J. Hooper, M.A., LL.B. (London), with 1 non-resident assistant Master.

\* **MILDMAY PARK. CASTLE HOUSE. NORTH LONDON HIGH SCHOOL FOR BOYS, 44 and 46, MILDMAY GROVE.** Established 1869. The plan of education pursued combines the various modern improvements that have been introduced into the scholastic world with the solid excellencies of the more ancient system. The pupils are either qualified for Commercial pursuits, or prepared for the Universities. Pupils are prepared for passing the Civil Service Examinations, the Examinations in connection with the Department of Science and Art, the Oxford and Cambridge Local, and the College of Preceptors Examinations. Fees: for boarders, from 30 to 48 guineas per annum; for day-pupils, from 4½ to 9 guineas per annum. The scholastic year is divided into 3 terms, of about 14 weeks each, ending about the middle of April, July, and December. Principal, Septimus Payne, F.R.G.S., and a staff of assistant Masters.

**SOUTHGATE, NEW, THE WOODHOUSE.** 25 pupils of the higher classes are received, and are specially prepared for the Army Examinations. Terms, about 300 guineas a year. Principal, R. C. Davis, assisted by 6 Graduates of Oxford and Cambridge.

**SOUTHGATE, NEW, WOODLAND HOUSE SCHOOL, WOODLAND ROAD.** Established 1873. A good Commercial education, with Classics and Modern Languages, is given to 40 boarders and 45 day-pupils. Age of admission, 6. Terms: for board and tuition, from 36 to 42 guineas; for tuition alone, from 9 to 12 guineas per annum. Examinations, twice yearly. Vacations, 13 weeks. Principals, Thomas Robinson and Rev. Gerald Rees-Webbe, and 4 resident and 3 visiting assistant Masters

**SOUTHGATE, COLLEGE HOUSE.** The course of instruction adapted to prepare students for the Universities, the Professions, and the various Competitive Examinations, embraces the following subjects: Religious Knowledge, the English Language and Literature, the Greek, Latin, French, and German Languages, Arithmetic, Algebra and Geometry, Natural Philosophy and Chemistry, Geography, History, and Elocution. Terms: under 9 years of age, 30 guineas per annum; above 9 to 12 years of age, 35 guineas per annum; above 12 to 15 years of age, 40 guineas per annum; parlour borders above 15 years of age, 50 guineas per annum. Principal, M. Thompson, assisted by competent Masters.

**STOKE NEWINGTON COMMERCIAL COLLEGE, GORDON HOUSE.** A good Commercial education is given. Terms: day-scholars, 8 to 12 guineas per annum, according to age; boarders, 40 to 50 guineas per annum. Principal, Crawford Duncan, M.C.P., assisted by resident and visiting Masters.

**STOKE NEWINGTON, BLOMFIELD HOUSE, LORDSHIP ROAD, PREPARATORY ESTABLISHMENT FOR BOYS.** The course of instruction comprises a thorough English education, with the rudiments of Latin or French. Pupils prepared for the Public Schools. Terms: boarders, 36 and 30 guineas; weekly boarders, 25 guineas; daily boarders, 14 guineas; daily pupils, from 6 to 8 guineas per annum. Principal, Miss Hodgson.

**TOTTENHAM, BRUCE CASTLE SCHOOL.** Full particulars of this important school will be found under the letter T., Tottenham, page 1043, and a prospectus of the school appears in Appendix A. of the present edition. Head Master, Rev. W. Almack, M.A., St. John's College, Cambridge.

\* **TOLLINGTON PARK, ARKTEON HOUSE, 9, WRAY PARK CRESCENT.** Established 1858. The course of instruction comprises the Classics, Mathematics, the French and German Languages, Natural Philosophy and Chemistry (illustrated by experiments), History, and the usual requirements of a sound English education. Pupils prepared for the Military, Naval, and Civil Services, the Public Schools and Universities. Terms: for board and tuition, from 35 to 55 guineas per annum. Principal, D. Murray, B.A., M.C.P.

**TOLLINGTON PARK COLLEGE, 4, TURLE ROAD, HOLLOWAY, N.** At this College a liberal education is given to boarders and day-scholars. Fees for boarders, 36*l.* per annum. Principal, W. Brown, B.A., London University.

† \* **WOOD GREEN, THE GRAMMAR SCHOOL, NIGHTINGALE HOUSE, near THE ALEXANDRA PALACE.** The curriculum of studies comprises all the branches of a liberal education. The Mathematical and Commercial studies of the pupils are specially cared for by the Principal. Pupils are prepared for the Civil Service, Oxford and Cambridge, and other Public Examinations. Terms: for boarders, from 32 to 35 guineas per annum; day-pupils, from 5 to 6 guineas per annum. Principal, J. B. Millard.

\* **WOOD GREEN, ROYAL MASONIC INSTITUTION FOR BOYS.** Patron, Her Most Gracious Majesty the Queen. President, H. R. H. the Prince of Wales, K. G., etc.—M. W. Grand Master. Vice-Presidents (*ex-officio*), The Right Hon. the Earl of Caernarvon—M. W. Prov. G. M., R. W. Prov.

Grand Master of Somerset; the Right Hon. Lord Skelmersdale, R.W. Dep. G.M., Prov. Grand Master of West Lancashire. Vice-Patrons, The Right Hon. Lord Leigh—Prov. Grand Master of Warwickshire; and others. This excellent institution was founded July 3rd, 1798, with the object of clothing and educating the sons of deceased and indigent ancient Freemasons. A good middle-class education, including French, German, Latin, Science (Chemistry, Magnetism, etc.), to pupils, the sons of indigent Masons; all free, including their board. The age of admission is 8 years, and candidates are elected for admission by votes of Governors and subscribers. Many of the pupils are prepared for the Cambridge Local Examinations, and 42 certificates had been gained by pupils, 16 in honours, up to 1873. The vacations are: 2 weeks at Midsummer; 3 weeks at Christmas, ordinarily. As regards the educational and general position of the school, all who have visited the institution have expressed their entire approval with the general arrangements, and the progress in educational attainments has kept pace with the other improvements. To obviate objections occasionally urged by advocates of different views on the all-important subject of education—to meet fairly the differing talents and acquirements of varying individuals—and to provide suitably for the respective positions which the pupils may be expected to occupy on leaving the institution, the school has been divided into 2 sections—Classical and Commercial. By this means eminence in either department is within the reach of all, according to the extent of intellectual attainments, or to the occupation to which each is destined, or may be expected to fill. The education comprises a sound English Commercial education, with the addition of French and German, and in the upper division the Classics and advanced Mathematics. Drawing, under competent tuition, was introduced in 1869, not so much as an accomplishment, but as a most valuable assistance in after life, many opportunities of employment being open to those possessing a knowledge of this art, which would be denied to them without such qualification; similar considerations have induced the Committee, in conjunction with the Head Master, to determine on the introduction of Vocal and Instrumental Music, and for this purpose a qualified Instructor has been appointed. As a matter of Masonic History it is generally known that in the year 1717 the members of the four Lodges then existing in London, in a regularly convened assembly, constituted and declared themselves to be the “Grand Lodge of Free and Accepted Masons of England,” and from that event may be dated the revival of Freemasonry in the south of England. Considerable prosperity attended the new organization; its progress was for some time most successful in every respect, and the subject of charity at an early date occupied the attention of its rulers. The first mention—the germ, in fact, of the now successful development—of a design to establish some such an institution as this is found in the records of Grand Lodge, January 31st, 1739, the Marquis of Caernarvon, G.M., viz.:—“A scheme was proposed for the placing out Masons’ sons Apprentices, but after long debate the proposal was rejected, as a scheme too extensive for the fund of charity.” The probability is that the question would, ere the lapse of any lengthened period, have again occupied the attention of Grand Lodge, but in this case, as in the cases of other societies established for the highest and noblest purposes, differing views and counsels ere long produced dissensions which, commencing in 1740, resulted in a separation. The two bodies were known by the titles



respectively of "Ancient" and "Modern,"\* and continued to exercise a divided jurisdiction for upwards of half a century. Good, however, frequently comes out of evil, and though there can be no doubt that heart-burnings and jealousies prevented that attention to the great principles upon which the Order is founded, which happily has since been so extensively bestowed, the movements in question "excited the attention of the Fraternity, and also of the public. Lukewarm Brethren became partisans on either side, and Freemasonry reaped the benefit of these misunderstandings by an increase both in numbers and influence. Thus the ranks of both 'Ancient' and 'Modern' were increased, and the funds of benevolence for the widow and orphan augmented from new and unexpected sources; a result which cemented the popularity of the Order. Its beauties and excellencies were placed in a clearer and more prominent point of view, and the public became convinced that though the two hostile parties may differ on some unimportant points of discipline, both were pursuing the same laudable course,—the investigation of science, and the benefit of mankind."† As a practical illustration of the latter object, the "Modern" Brethren—*i.e.*, those who adhered to the Constitution of 1717—established in 1788 the "Cumberland Freemasons' School,"‡ now known as the "Royal Masonic Institution for Girls."§ The history of that institution, so far as the present purpose is concerned, requires no further notice, save a record of its continued and increasing prosperity, on which every Mason has reason to congratulate himself. In 1798, the members of the "Ancient" Fraternity, not to be behindhand with their rivals, established "The Masonic Institution for Clothing and Educating the Sons of Deceased and Indigent Ancient Freemasons,"|| with His Grace the Duke of Atholl, Grand Master of the "Ancient" Grand Lodge, as Patron; the origin of which is thus stated:—"July 3rd, 1798. A meeting took place for the purpose of establishing a Masonic Charity for educating and clothing the sons of indigent Freemasons. A subscription was opened to carry this object into execution, and 6 children were immediately put upon the establishment. Since that period the charity has been gradually approaching to its present flourishing state. Aided by the very liberal contributions of the Masonic Craft in all parts of the world, of the Grand Lodge in particular, the Right Worshipful the Grand Master. His Grace the Duke of Atholl, the several Grand Officers individually, as well as of many others not of the Fraternity, but who have felt proud to assist so laudable an institution, its funds have generally increased, and the establishment has been extended.

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\* These titles of "Ancient" and "Modern" must not be taken as indicative of comparative date of origin. The seceding body adopted the title of "Ancient," alleging that the body from which they seceded had departed from the old laws and landmarks and had introduced "Modern" innovations into the old working rites and ceremonies, the observance and practice of which they, the "Ancients," were determined to maintain and preserve. The facts stated thus simply and concisely, are sufficient for this sketch,—all allusion to the controverted question as between the rival Grand Lodges in London is studiously avoided.

† Oliver, "Origin of the English Royal Arch," ed. 1867, p. 56.

‡ In the original prospectus described as "a seminary for the maintenance of 15 or more girls, the daughters of indigent Freemasons;" with H. R. H. the Duchess of Cumberland as "Patroness."

§ Previously known as "The Royal Freemasons' School for Female Children."

|| In 1858 the title was altered to "The Royal Masonic Institution for the Sons of Decayed and Deceased Freemasons." In October 1868, to "The Royal Masonic Institution for Boys."



The number of children, who partake of the benefits of this charity, which was originally only 6, has been gradually enlarged; and at the celebration of the jubilee, when all ranks of society joined in joyful commemoration of our gracious Sovereign's long and happy reign, the establishment was increased to 50, that being the number of years during which his Majesty had then held the dominion of these realms. The children admitted on this charity are clothed, and put out to school, in the neighbourhood of their residences, at the expense of the institution, the funds not being yet extensive enough for the erection of a school-house: which object, however, by the aid of future voluntary contributions, the Directors of the establishment hope hereafter to accomplish. The more especially as, at the present period, all classes of subjects are striving who shall be foremost in giving education to the poor of all denominations. The impulse of charity is universal; when, therefore, every other class of the community is distributing with a liberal hand enlightenment and education to the poor, the principles of Masonry demand that Freemasons should not neglect theirs." In the year 1813, all distinction between "Ancient" and "Modern" was swept away, and from that period English Masonry has flourished under one jurisdiction, "The United Grand Lodge of England;" the only rivalry now existing amongst the Brethren being that of doing good, and particularly in using every exertion to render the Masonic educational institutions the boast and pride of the Order, and the admiration of the outer world. The changes that have successively taken place in this institution will be to some extent gathered from the following slight sketch. Every child applying for admission, must (if resident within the cities or suburbs of London or Westminster) personally attend the Committee, and produce a certificate from the Master and Wardens of the Lodge to which his father shall or did belong, certifying that he is or has been a member thereof, the Grand Secretary's Certificate of his being duly registered for 3 years on the Grand Lodge books, together with certificates of his parents' marriage and his own baptism. Where the candidate happens to be fatherless, the matter is left to the discretion of the Committee. A general quarterly meeting of the Governors and Subscribers is held at the Virginia Coffee House, Cornhill, the first Friday in January, April, July, and October, at 6 o'clock in the evening, to receive the reports of the Committee, and to transact such other business as may come before them. The number of pupils provided for in the year—1877—reached 185. The following statement will show the growth of the institution:—1798\* (year of foundation) 6; 1810\* (jubilee year, reign of George III.), 50; 1857† (opening of first building purchased at Wood Green). 70; 1862. 72; 1865 (opening of new building), 80; 1866, 100; 1869, 110; 1872 (April), 112; 1872 (October), 115; 1873, 125; 1874 (January), 139; 1874 (August), 153; 1876 (April), 158; 1877, 166; 1878, 191. There are, in addition to the number 191:

\* In these years, and until 1856, the pupils were clothed, but educated at schools in various districts.

† In this year 25 boys were clothed and maintained and educated in the newly purchased building, the remainder being provided for as before. In 1859, 68 boys were admitted, 2 preferring to receive the advantages of the institution under its original constitution. Since 1862, all who have been elected, with an occasional exception, have received the full benefits of education, clothing, and maintenance in the establishment.

pupils admitted by purchase, 14; pupils admitted by perpetual presentations, 4; pupils admitted by life presentation, 2. Total number after election, April, 1878, 211. The total number of boys who have received the benefits of the institution since its foundation—including those last elected—is 1,380. The large expenditure incurred in the erection substantially and satisfactorily of the new buildings for an increased number of pupils and resident Masters, and to meet the educational requirements of the day, necessitated recourse to a loan, and 10,000*l.* was borrowed on mortgage in 1867. The success attending the special efforts of Brethren in West Yorkshire, East Lancashire, and other provinces in connection with the anniversary festival in March 1869, and of the festival in 1870, under the Presidency of H.R.H. the Prince of Wales, K.G., M.W.P.G.M., enabled the Committee to pay off the mortgage debt, though in effecting this desirable object the liability of a heavy balance on current account with the bankers was incurred, the interest on which continued to press heavily on the resources of the institution until the spring of 1873, when it was entirely removed. Treasurer, George Plucknett, Esq., P.G.D., V.P.; Honorary Surgeon, Wharton P. Hood, Esq., M.D., 65, Upper Berkeley Street, Portman Square. Honorary Dental Surgeon, Peter Matthews, Esq., L.D.S., F.R.M.S., and F.Z.S., 11, Welbeck Street, Cavendish Square. Honorary Surgeon Oculist, Jabez Hogg, Esq., F.L.S., M.R.C.S., etc., 1, Bedford-square. Resident: 1st assistant Master, J. S. Humphrey; 2nd assistant Master, G. H. Brocklehurst; 3rd assistant Master, F. Jones; 4th assistant Master, Edward Vincent Gardiner; 5th assistant Master, James Stubbs; 6th assistant Master, M. Englebert Eohl; Matron, Miss Elizabeth Hall; assistant Matron and Wardrobe Keeper, Mrs. Walkden; Secretary, Frederick Binckes (V.P.), P.G.Std., 6, Freemasons' Hall, Great Queen Street, Lincoln's Inn Fields, where attendance is given generally throughout the day. Head Master and Chaplain, Rev. Richard Morris, M.A., LL.D.

## LONDON, N.W.

BELSIZE SQUARE, 4, LANCASTER PLACE. Pupils are prepared for all literary and competitive examinations of a higher grade, including the Home and India Civil Service. Woolwich, Sandhurst, and Militia. Strict discipline and thorough work insures certain success, as specified in the Appendix of this work. Principal, F. E. Suddard, M.A., Cambridge, who is assisted by a staff of Professors and assistant Masters. See Index to Appendix B.

BRONDESBURY, LANCASTER HOUSE SCHOOL, 18, CAVENDISH ROAD. Pupils are prepared for the Public Schools and for the Oxford and Cambridge Junior Local and College of Preceptors Examinations. The fees per year are: for boys under 10, 6*l.* 6*s.*; above that age, 9*l.* 9*s.*; and instruction is given in the additional subjects, languages not being included in the general course:—Music, Drawing, each 3*l.* 3*s.* to 6*l.* 6*s.* per annum. The session consists of 3 terms. A few boarders are received. Fees: 31*l.* 10*s.* per annum. Principal, Mrs. Newall; Vice-Principal, Miss M. C. R. Newall.

\* CAMDEN TOWN, NORTH LONDON COLLEGIATE SCHOOL. This is a large day-school. It was established in 1850. Instruction is given in Classics, French, German, Mathematics, and English course, to about 500 boys, who pay 10 guineas per annum each. This school is most successful in passing pupils at the Oxford Local Examinations. Examiners from Universities. Vacations, 9 weeks. Principal, the Rev. C. W. Williams, D.D., F.R.A.S., Trinity College, Cambridge, and 20 non-resident assistant Masters.

CAMDEN TOWN, THE GREAT COLLEGE STREET SCHOOL, GREAT COLLEGE STREET. Instruction in English in all its branches, Natural Philosophy, Mensuration, Mathematics, French, and Drawing, Preparatory department for little boys from 6 years of age and upwards prepared for the Upper Schools. Annual terms : upper school, 4 guineas, lower school, 3 guineas. Principal, R. P. Sadler, with assistant Masters.

CAMDEN TOWN, 173, STANHOPE STREET. The sons of gentlemen received as daily pupils, and instruction given in English (thorough), Classics, and Mathematics; also in French, Music, Drawing, and the National Sciences, if required. Principal, the Rev. H. Canham, LL.B., Cambridge.

CAMDEN TOWN, 8, HIGH STREET. Special Preparation for London University Matriculation and other Examinations. Principal, H. Sergeant, B.A.

\* CAMDEN TOWN, 20, CLIFTON VILLAS, CAMDEN SQUARE. Pupils are prepared for the Public or Proprietary Schools, the Oxford and Cambridge Local Examinations, or for Commercial and Mercantile life. The scholastic year is divided into 3 terms. Fees : boarders, from 40 to 50 guineas per annum ; day-pupils, from 9 to 12 guineas per annum. Principal, F. J. Bradley.

CAMDEN TOWN, 119, TORRIANO AVENUE, CAMDEN ROAD VILLAS. Pupils attending the London Public Schools, more especially the City of London School, are received as boarders. Fees : 51 guineas per annum. The year is divided into 3 terms. Pupils prepared also for the entrance Examinations. Principal, Thomas Sharpe, late one of the Masters of the City of London School.

CAMDEN TOWN, THE CAMDEN SCHOOL FOR BOYS, No. 5, CAMDEN STREET, OAKLEY SQUARE. Established 1872. The course of instruction includes English thoroughly, French, Arithmetic, Algebra, Natural Science, Drawing, Drilling, Music, Singing. Fees : from 4 to 6 guineas per annum ; boarders, 60% per annum. Average number of pupils, 70, none free. A written Examination is held once in each term, and pupils are prepared for the annual Examination of the College of Preceptors. Vacations, 10 weeks in the year. Principal and Head Master, G. W. Young, with 2 non-resident assistant Masters.

\* EUSTON SQUARE, EUSTON COLLEGE, GEORGE STREET. Established 1873. A thorough Commercial education, including Mathematics, French, German, moderate Latin. Pupils are trained for Mercantile life, the Legal and Medical Professions, the Oxford and Cambridge Local Examinations, and for the Civil Service Competitive Examinations.

Average number of pupils, 130. Vacations, 8 weeks. The scholastic year is divided into 3 terms. Fees, from 4 to 8 guineas per annum. Principal, F. Waymouth, Ph.D., with 3 assistant Masters.

\* **HAMPSTEAD, STANFIELD HOUSE SCHOOL.** At this school a select number of young gentlemen are received and thoroughly educated, and prepared for the Public Schools, Oxford and Cambridge Locals, and the Public Examinations; also special preparation for the Universities. Vacations, 14 weeks. Terms: boarders, 70 guineas; day-boarders, 30 guineas; day-pupils, from 12 to 18 guineas per annum. Special arrangements made for parlour and weekly boarders. Principal, W. R. Marshall, assisted by resident Masters.

**HAMPSTEAD, HEATH MOUNT SCHOOL.** A limited number of pupils of the higher class received and prepared for the Public Schools. Instruction in Greek, Latin, French, German, Mathematics, etc. Terms: boarders (about 20) 80 guineas per annum; day-boys (about 25) 30 guineas per annum. Principal, Rev. Clement F. Walker, M.A., Hertford College, Oxon, and resident assistant Masters.

**HAMPSTEAD, RAITHBY, FITZJOHN'S AVENUE.** Candidates for the Indian Civil Service, Woolwich, Sandhurst, the Universities, the Indian Forests, and other Competitive Examinations, are successfully prepared at this establishment. At the recent Examination for the Indian Forests the only two candidates sent up were both successful, one securing the first place in the list and the other the sixth place; and at the last Examination for the Indian Civil Service one pupil gained a hundred places on his previous position. Numerous pupils from this establishment have passed for Woolwich, Sandhurst, and Cooper's Hill. The fees are inclusive; they are fixed at the rate of 70*l.* for the term of 12 weeks for resident pupils, and at the rate of 35*l.* for non-resident pupils. When the time happens to be longer a proportionate fee is charged. Pupils can enter at any time, and instruction is given in the holidays when necessary. The Michaelmas term begins about September 1st, the Lent term early in January, and the Easter term about the middle of April. Principals, J. Ashton, M.A., Cambridge, and Fellow of University College, London, and A. T. Pyne, B.A., Mathematical Honours, Emmanuel College, Cambridge. There is a large staff of excellent Masters. See also Index to Appendix A.

\* **HAMPSTEAD, COLLEGIATE SCHOOL, ROSSLYN HILL.** This school is in union with the College of Preceptors. The school course of instruction insures preparation for all the Competitive Examinations, the Public Schools, Professional life, and the Universities, as well as for Mercantile and general pursuits. It includes the following subjects, viz.:—English, Algebra, Euclid, and Higher Mathematics, Greek, Latin, French, and German. Great importance is attached to the study of French and German in the Upper Department of the School. The scholastic year is divided into 3 terms. All pupils who have been sent to the Oxford Local Examinations from this school have been successful. Average number. of boys, 50. Vacations, 12 weeks. Fees: boarders pay 36 to 42 guineas per annum; day-scholars, 6 and 9 guineas. Principal, W. G. T. Redfern, M.C.P., with assistant and visiting Masters.

**HAMPSTEAD SOUTH, SOUTH HAMPSTEAD COLLEGIATE SCHOOL.**



Upper School, 120, Belsize Park Gardens, Haverstock Hill; Lower School, building in Stanley Gardens, Belsize Park. Instruction in English, Greek, Latin, German, French, Arithmetic, Algebra, Geometry, Book-keeping, History, etc. Candidates are prepared for the Civil Service and other Public Examinations. The year is divided into 3 terms. Mrs. Simpson, assisted by certificated Governesses, conducts the Elementary Department for little boys. Fees: day-scholars, from 12*l.* to 20 guineas per annum; boarders, from 48 to 105 guineas per annum. Principal, John Simpson, M.R.C.P., and 12 assistant Masters.

\* HARLESDEN, THE HIGH SCHOOL, *near WILLESDEN JUNCTION*. The course of instruction comprises Classics, Mathematics, French, German, Vocal Music, Linear Drawing, the elements of Natural Science, and the usual branches of a thorough English education. Pupils are prepared for the Universities, Public Schools, Civil Service, Oxford and Cambridge Local, and other competitive Examinations. The school year consists of 3 terms. Fees: from 9½ to 12½ guineas per annum. Boarders are received at the rate of 60 guineas per annum, including all school fees. The Head Master receives a few private pupils at 48*l.* per annum, also inclusive. Certain of the Masters have also the privilege of taking boarders on terms to be arranged with them. Head Master, F. A. Russell, with a staff of competent assistant Masters.

HAVERSTOCK HILL, ORPHAN'S WORKING SCHOOL, JUNIOR SCHOOL, ALEXANDRA ORPHANAGE, HORNSEY RISE, N.W., CONVALESCENT HOME, MARGATE. Founded 1758, and is almost entirely supported by voluntary contributions. Thorough English education, and subjects in connection with the Science and Art Department, South Kensington. About 547 children, all free, attend; accommodation for 600. They are received at any age under 11, and are kept till 14, and sometimes to 15 or 16. Girls and boys of whatever creed or class, from all parts of the kingdom, who are orphans or otherwise necessitous. For seven years after they leave the school, prizes are awarded annually to those ex-scholars who can produce certificates of good character from their employers. Public Examinations yearly. Inspector from Borough Road Training College. Vacations, 7 weeks. Head Mistress at the senior school, Miss Hughes. Secretary, Jonadab Finch, F.R.G.S. Principal, William Smith. The offices for this school are at No. 73, Cheapside, E.C.

\* KILBURN, KILBURN COLLEGIATE SCHOOL, CLEVELAND HOUSE, GREVILLE ROAD. Pupils specially prepared for the Universities and Public Examinations. The subjects of study are the Greek, Latin, French, and German Languages; Mathematics, Natural Philosophy, and the usual branches of a thorough English education. The year is divided into 3 terms. Vacations, 12 weeks. Fees: for resident pupils, from 60 to 75 guineas per annum; for non-resident pupils, from 12 to 24 guineas per annum; for daily boarders, 9 guineas per annum in addition to the above; the extras are Music, Drawing, Dancing, etc.; for Indian and foreign pupils, 100 guineas per annum. Principals, J. R. Waddelow, B.A., Oxon, and W. Waddelow, assisted by a numerous and efficient staff of resident and visiting Masters, and native Professors of French and German. See also Index to Appendix A.

KILBURN, HENLEY HOUSE SCHOOL, MORTIMER ROAD. The course



of instruction includes the ordinary English subjects, Mathematics, the French, Latin, and Greek Languages, Physics, Drawing (Freehand, Model, and Mechanical), and Land-Surveying (theoretical and practical). Preparation for University, or Professional Examinations, also for the London University Matriculation Examination. The school year is divided into 3 terms. Fees: for board and education, from 57 to 66 guineas per annum; senior pupils, with private bedroom and special instruction, 105 to 120 guineas per annum; for day-scholars, from 15 to 21 guineas per annum. Principal, John Vine Milne, B.A. (London), F.R.G.S. Vice-Principal, Alexander Milne, B.A., London; with assistant Masters.

\* KILBURN, BRONDESBURY LODGE COLLEGIATE SCHOOL. This school is in union with the College of Preceptors. Pupils are received either as boarders or day-pupils, and a few resident foreign pupils are received on special terms. The course of study includes the Classics, Mathematics, French and German, the usual subjects of a sound English education, the elements of Chemistry, Sciences, Drawing, Music, etc. The year is divided into 3 terms. Vacations, 12 weeks. Terms: boarders, 40 to 60 guineas; day-boarders, 16 to 24 guineas; day-pupils, 8 to 16 guineas per year. Principal, Henry Hodges, F.R.G.S., with resident assistant Masters.

KILBURN, 20, BIRCHINGTON ROAD. Candidates are very successfully prepared for Woolwich, Sandhurst, the Militia, and Cooper's Hill; the recent successes at the various examinations having been very numerous and marked. Terms: 14 guineas per month resident, and 7 guineas non-resident; 12 guineas weekly boarders. C. Richards Mathematical Tutor to the late Prince Imperial. See also Index to Appendix B.

KILBURN, COLLEGE FOR BOYS, MAIDA VALE, 9, SOMERSET TERRACE, CARLTON ROAD. Instruction in Classics, Mathematics, and English course, with French and German. Pupils are prepared for Commercial or Professional life. The year is divided into 3 terms. The fees for board and teaching are 48 guineas per term. Principal, Henry Carvill, C.M., with assistant Masters.

MARYLEBONE ROAD, PHILOLOGICAL SCHOOL, MARYLEBONE ROAD. (Under the patronage of Her Majesty; in union with King's College.) Founded 1792. The course of education embraces instruction in the English, Latin, Greek, French, and German Languages, Mathematics, Natural Philosophy, Chemistry, and Drawing. An Examination by Oxford and Cambridge Graduates, appointed for that purpose by the Governors, is held annually before the summer vacation. A prize for general proficiency is given by the Council of King's College. There are 6 Scholarships, each of the annual value of 30*l.*, tenable in the school for 2 years. Three of these are awarded at each annual Examination. Minor Scholarships, worth 6*l.* a year, are occasionally awarded to meritorious boys. The school year is divided into 3 terms. Vacations, 10 weeks. This school, in addition to its Foundation scholars, receives as contributory scholars the sons of persons engaged in Professional or Commercial pursuits. The fee for the education of contributory scholars is 9*l.* a year. Head Master, William Moore, B.A., London, with 5 assistant Masters, besides visiting Professors.

MARYLEBONE ROAD, THE STUDENTS' COLLEGE, COLLEGE HOUSE. Pupils are instructed in English subjects generally, including Correspondence, Geography, History, and Book-keeping, Drawing, Phonetic Shorthand, etc.; Languages, Philosophy, Mathematics, Music, Painting, and other Arts and Sciences are also taught. The fees are from 3 to 9 guineas per annum. Principal, Samuel Hunter, assisted by other Professors in the various departments of education.

\* MILL HILL, MILL HILL SCHOOL, HENDON. This school was started 70 years ago, and the present extensive pile of buildings was erected with every modern improvement. The institution was founded for the education of the sons of Nonconformist ministers, but having fallen into something like desuetude it was taken in hand by Dr. Weymouth in 1859, when what is called "the new foundation" took place. The schools are now extremely prosperous, both as to the number of pupils and the high reputation they have amongst the higher educational establishments of the land. Average number of pupils, 160, none free. The Scholarships, etc., are, Bousfield Scholarship, of the annual value of 50*l.*, tenable for 3 years at University, or New College, London; 2 Governors' Scholarships, of the annual value of 30*l.*, tenable for 3 years at any College or Hall at Oxford, Cambridge, or London. Vacations, 13 weeks. 13 sons of Christian ministers are received, at about 35 guineas a year. Fees: from 54 to 81 guineas; day-boys, 21 to 24 guineas. Head Master, R. F. Weymouth, D.Lit., M.A., and several assistant Masters.

REGENT'S PARK, COLLEGE HOUSE, CLASSICAL AND COMMERCIAL SCHOOL, 188, MARYLEBONE ROAD. The general course of instruction comprises English in all its branches, Latin, Greek, French, German, Euclid, Algebra, Mental Calculation, Elementary Drawing, Elocution, etc., etc. Vacations, 6 weeks. The preparatory department for little boys and girls is conducted by Mrs. Hunter. Fees: for tuition, from 3 to 8 guineas per annum; boarders, from 30 to 50 guineas per annum. Principal, Samuel Hunter.

\* REGENT'S PARK, CHRIST CHURCH, S. PANCRAS MIDDLE CLASS BOYS' SCHOOL, WILLIAM STREET. Established 1853. The school is managed by a Governing Body, who appoint the Head Master, and are generally responsible for the well ordering of the school. The education is suitable for Commercial life, and Latin and French, with Science (special subject), are also taught. The average number of pupils is about 60. Terms: for day-scholars, from 4 to 5 guineas per annum. Pupils are prepared for the College of Preceptors, Science and Art, South Kensington, and Cambridge Local Examinations. Ten Choral Exhibitions, of 4 guineas per annum, tenable as long as the boys remain in the Church choir. Examinations at Midsummer and Christmas, by Graduates of Oxford and Cambridge. Vacations: 10 weeks; 4 at Christmas; 1 at Easter; 5 at Midsummer. The school year is divided into 3 terms. New school buildings are shortly to be added. Head Master, A. S. Newton, University of London, late assistant Master in the Albert Memorial College, Framlingham, with several assistant Masters.

REGENT'S PARK, GLOUCESTER GATE, BEAUFORT HOUSE, 4, GLOUCESTER CRESCENT. PREPARATORY SCHOOL FOR THE SONS OF GENTLEMEN. The course of instruction comprises English, French, Latin,

Drawing, Drilling, Class Singing. Lessons on the Kindergarten system for pupils under 7 years of age. Boarders are received at the inclusive terms of 75 guineas per annum. Weekly boarders, 54 guineas; day-boarders, 27 guineas; day-pupils, 15 guineas. The division of terms corresponds with those of Eton and Harrow. Principals, the Misses Brown. See also Index to Appendix A.

REGENT'S PARK, 38, MORNINGTON ROAD. A limited number of pupils prepared for the Public Schools, the Universities, the Direct Commission in the Army, and the Civil Service. Terms: from 15 to 30 guineas per annum. Principal, Charles D. W. Terry, Magdalen Hall, Oxford, with assistant Masters.

† REGENT'S PARK, S. KATHARINE'S COLLEGE SCHOOL. Founded 1148, 33 boys educated and clothed on the Foundation. Principal, G. Strugnell.

\* REGENT'S PARK, S. MARYLEBONE AND ALL SOULS' GRAMMAR SCHOOL, 1, CORNWALL TERRACE. This school was established 1832, and is in union with King's College, London. The course of education is as follows: The Greek, Latin, English, and French Languages; Mathematics, the elements of Physical Science, Mechanics, and Hydrostatics; lectures on scientific and literary subjects are given during the winter terms. The year is divided into 3 terms. Vacations, 12 weeks. Fees annually: for day-pupils, from 12 to 15 guineas; for boarders, from 50 to 80 guineas, according to age. At this school pupils have been most successfully prepared for the Oxford and Cambridge Local and other Examinations. Head Master, H. A. Tilley, and assistant Masters.

REGENT'S PARK, CLARENCE GATE, 20, UPPER BAKER STREET, PREPARATORY SCHOOL FOR LITTLE BOYS. Pupils between the ages of 5 and 10 are thoroughly grounded in English, Latin, French, and Arithmetic. The year is divided into 3 terms. Fees: 12 guineas a year; Music 4 guineas extra. Principal, Mrs. F. Bellamy.

\* S. JOHN'S WOOD, S. JOHN'S WOOD SCHOOL, 43 AND 43A, ACACIA ROAD. Established 1856. Pupils are prepared for the Public Schools, Universities, and for the Professions. The course of education comprises the Greek, Latin, French, German, and English Languages, Arithmetic, and Mathematics. Pupils intended for Mercantile pursuits may omit the study of Greek. Examinations take place at the end of each term and at Midsummer, by an Examiner from Oxford or Cambridge. Average number of pupils, about 115. Pupils prepared for University Locals, at which (besides those who obtained certificates), since June, 15 have passed in honours, and the two first boys in the whole of the London centre were passed. Terms: for boarders, 70 to 80 guineas per annum each; day-scholars, 20 guineas per annum each. Vacations, 14 weeks. Principal, the Rev. G. W. Oliver, M.A., late Scholar and Prizeman, Christ's College, Cambridge, with a staff of assistant Masters. Resident pupils are received at the School-house, under the superintendence of Mrs. H. A. G. Oliver.

S. JOHN'S WOOD, THE HIGH SCHOOL FOR BOYS, 97, FINCHLEY ROAD. This school was founded in 1880, and about 100 pupils now attend. It is intended to supply a sound education on fixed moderate terms.

The school is divided into 3 departments: (1) The Classical; (2) the Modern; and (3) the Commercial side. In the first division, pupils are prepared for the Universities and all professional examinations. In the second or modern side, French and German are taught, as on the Continent, viz., conversationally and grammatically. The third division is devoted to a commercial course of education. The fees for day-scholars are from 12 to 24 guineas per annum, with 1*l.* 1*s.* entrance fee. Head Master, Dr. W. Brackebusch, M.A., and a large staff of assistant Masters.

\* S. JOHN'S WOOD, LOUDOUN HOUSE SCHOOL AND COLLEGE. LOUDOUN ROAD. Instruction is given in the English, Latin, Greek, French, and German Languages, Arithmetic, Algebra, and Euclid, Natural Philosophy, Chemistry, Botany, Zoology, Singing, and Drawing. Students are prepared for the Universities, the Civil, Military, and Naval Examinations, for which special Professors are engaged, also for the Oxford and Cambridge Senior and Junior Local Examinations, and for the 1st, 2nd, and 3rd class certificates of the Royal College of Preceptors. The scholastic year is divided into 3 terms. School fees: boarders, from 45 to 63 guineas per annum; boys residing in the neighbourhood may be admitted as day-scholars from 9 to 15 guineas per annum. The preparatory department, for children under 8 years of age, is superintended by Mrs. Wells. Principal, Philip Wells, M.R.C.P., and of London University, assisted by efficient Masters.

S. JOHN'S WOOD, CLIFTON HALL, HIGH SCHOOL FOR BOYS, 87, CLIFTON HILL. Established 1866. Instruction in English, French, and Latin Languages, Mathematics, Physical Science, Music, and Drawing, given to about 40 pupils, day-scholars only. Fees: 6 and 12 guineas per annum. Principal, George Higgins, with 1 assistant Master.

\* S. JOHN'S WOOD, S. JOHN'S WOOD COLLEGIATE SCHOOL, LANGFORD PLACE. Established 1855. In union with the Royal College of Preceptors. The course of instruction is such as thoroughly to prepare the pupils for Mercantile or Professional life, the Oxford and Cambridge Local, Civil Service, and other Examinations, and the Universities, and comprises the English, Latin, Greek, French, and German Languages, Geometry, Algebra, and Arithmetic, Elements of Natural Philosophy and Chemistry, Music, and Drawing. Pupils have received certificates and other distinctions at the Public Examinations to which they have been sent. The scholastic year is divided into 3 terms. Annual charges: yearly boarders, from 40 to 50 guineas; day-boarders, from 20 to 25 guineas; day-pupils, from 12 to 15 guineas. Principals, T. Grosvenor, L.C.P., R. Grosvenor, M.C.P., with assistant Masters.

UPPER S. JOHN'S WOOD, 190, ADELAIDE ROAD, SOUTH HAMPSTEAD. A select preparatory school for the sons of gentlemen. Only a limited number of pupils are received. The usual branches of a liberal education, with Latin and modern languages, are taught. The year is divided into 3 terms, and the vacations are similar to those at Eton, Harrow, and the other Public Schools. The fees for boarders are 50 guineas per annum; day-pupils, 9 guineas. Principal, Mrs. Johnson.



## LONDON, S.E.

\* \*\* DULWICH COLLEGE. See PUBLIC SCHOOLS, Part V.

**ANERLEY, RAVENSKNOWLE.** A limited number of pupils received from the City of London and other Public Schools as boarders. The year is divided into 3 terms. Fees : including railway fare, admission to the Palace and grounds, laundress, etc., from 60 to 68 guineas per annum. George E. Dodson, 1st B.A. (London), assistant Master in the City of London School.

**BLACKHEATH, PROPRIETARY SCHOOL.** This school was founded in the year 1830, to supply the educational wants of families residing in the neighbourhood, but acquired before long a position among the first-grade schools of the country. The site and buildings are in the possession of proprietors, who receive no dividend, but have the privilege of nominating 1 pupil for every share of 20*l*. The whole of the sum paid for school fees is therefore applied to promote its efficiency. Admission is procured, either by the nomination of a shareholder (shares are generally to be purchased), or else by the payment of an entrance fee of 10*l*., or 3*l*. annually for 4 years. In cases where the proposed pupil is not the son or grandson of a proprietor, 2 references are required by way of introduction, and the Committee ballot for the pupil's admission. In all cases a certificate is required as to the pupil's conduct at his last school. The fees for tuition are 8*l*. 10*s*. per term, which includes a payment of 10*s*. in aid of the Exhibition and Scholarships fund. Stationery is provided gratis ; but if drawing be learnt, an extra charge is made of 10*s*. a term. Average number of pupils, 165. The course of education pursued in the General Department comprises Classics, Mathematics, History, Geography, Drawing, French, Modern Languages, and other branches of Science and General Literature, with a view to preparing pupils for the Universities, the learned Professions, the Competitive Examinations for the Royal Engineers and Artillery, and the Indian Civil Service, and the ordinary occupations of life. The course of education in the Special Department comprises Mathematics, English Literature and Composition, Latin, French, German, History, Geography, the principles of Mechanics, and the rudiments of the Physical Sciences, Chemistry, etc., with Fortification and Military Drawing when required. This department is adapted to the education of pupils destined for the Military Examinations, the Profession of Civil Engineering, and for Mercantile pursuits. There are 3 ways of admission to the school. Boarders pay 70*l*. to 75*l*. per annum, in addition to tuition fees. There are numerous Exhibitions, Fellowships, Scholarships, and open Studentships to the Universities every year, each of the annual value of 50*l*. ; besides 3 Scholarships, 1 Classical, 1 Mathematical, and 1 for the Special Department, of 10*l*. a year each, which are given annually. The prizes : besides the form prizes arising out of the Examinations, and the prize for Drawing, 10 other prizes are annually given. Vacations, 12 weeks. President, The Lord Bishop of the Diocese. Treasurer, Stephen Smith, Esq. Head Master, Rev. E. Wilton South, M.A., Trinity College, Cambridge, Chancellor's Medallist.



Assistant Classical Masters, Upper School : Rev. M. A. Bayfield, B.A., Scholar of Clare College, Cambridge ; Junior School : Rev. H. D. Elam, M.A., late Scholar of S. John's College, Oxford. Assistant Masters, S. J. McMullen, M.A., Gold Medalist, T. E. Bultin, B.A., James Barnard, M.A., late Scholar of S. John's College, Cambridge. Assistant Mathematical Master and Instructor in Physical Science, H. B. Jupp, M.A. English and Writing Master, H. Earland. French and German Masters, F. Osiander and E. Bornet. Drawing Master, J. P. Knowles. Secretary, T. A. Bussell, Esq.

**BLACKHEATH, STRATHEDEN HOUSE.** Established 1869. About 50 pupils received and instructed in the usual branches of a liberal education, viz., Greek, Latin, Mathematics, Natural Science, English, and French, preparatory for the Public Schools, special attention being paid to Modern subjects and thorough grounding in elementary work. Boarders pay 70 to 80 guineas a year ; day-pupils, 28 to 32 guineas a year. Music and Drawing extra. Vacations, 14 weeks. No boy admitted over 14 years of age. Principal, J. R. Storrar, B.A., London, with 4 assistant Masters and 1 Governess.

**BLACKHEATH, KIDBROOKE HOUSE.** The general education is so conducted as to fit boys for Oxford and Cambridge ; for Eton, Harrow, Rugby, and Winchester ; and to enable them to pass, with little special preparation, the Examination for Woolwich, the Royal Navy, Civil Service, and the Engineering College, Cooper's Hill. Terms : 60 to 65 guineas, and a few extras. Vacations, 13 weeks. Edward Williams Snell, F.R.A.S., assisted by Graduates of the Universities and French and German Professors.

**BLACKHEATH, SURAM HOUSE, 2, LEE TERRACE.** About 15 pupils received and prepared for the higher Examinations, and for the usual branches of a liberal education ; also for the Engineering Colleges, Indian and Home Civil Service, Army and Navy, and the Universities and Public Schools. Terms : 100*l.* to 150*l.* for boarders ; 50*l.* for day-pupils, per annum. Vacations, 13 weeks. Head Master, Rev. C. H. Andras, M.A., Scholar, Exhibitioner, and Prizeman of S. John's College, Cambridge, with resident Masters.

**BLACKHEATH, LEE, THE MANOR HOUSE.** Candidates for the Army are very successfully prepared for the Competitive Examinations, for all Military appointments, and especially for Woolwich. The year is divided into 3 terms, of 12 weeks each, and a thorough Military education is given to candidates for Woolwich, Sandhurst, and Commissions through the Militia. Principal, Professor Wolfram, Graduate in Honours, First Class in Mathematics and Science, late Lecturer on Chemistry, Electricity, and Geology, at the Military College, Woolwich, and other Military establishments, assisted by a large staff of experienced Professors and Masters. See the Military Section of this work, page 244.

**BLACKHEATH, S.E., YVERDUN HOUSE.** About 50 pupils, all boarders, of the higher classes, between the ages of 7 and 15, are educated for the Public Schools, etc. Terms : for board and instruction in Greek, Latin, English, French, Mathematics, Drilling, and Singing, 100 guineas a year. Music and Drawing extra. There are three vacations in the year, of 13

weeks. A swimming bath and fives court on the premises. Principal, the Rev. G. Townsend Oldham, M.A., of Oriel College, Oxford, with five resident Tutors.

**BLACKHEATH, 5, SOUTH ROW.** A limited number of resident pupils prepared for the Universities and for various Competitive Examinations. Terms: 16 guineas per month of four weeks' residence. The vacations are arranged according to the Examinations for the R.M.A., Woolwich. There are usually 3 terms of study during the year, consisting of about 12 weeks each. Principal, G. M. Hicks, M.A. (Wrangler, late Scholar of Clare College, Cambridge).

**BLACKHEATH, 16, LEE PARK, SALAMIS HOUSE.** A limited number of pupils receive a thorough modern education. Terms: boarders, 90 and 100 guineas a year; day-pupils, 24 to 30 guineas a year. A special class for students, who are prepared for the Civil Service, Woolwich, Sandhurst, London Matriculation, and other Examinations. The fees are 20 guineas a term for day-pupils, and 45 guineas a term for boarders. Principal, A. Tucker, late Head Master of Special Department, Blackheath Preparatory School, and resident Masters.

† \* **BLACKHEATH, DARTMOUTH GROVE SCHOOL.** Established 1859. Instruction in Classics, Mathematics, French, and English course, to 50 boys, of whom 20 are boarders, at 20 guineas per term of 3 months; and 30 day-pupils at 5 guineas ditto. Examination by College of Preceptors and University Local Examiners. Principal, H. F. Neville, with assistant Masters.

\* † **BLACKHEATH, SCHOOL FOR SONS OF MISSIONARIES.** Established 1852. Endowment, 45*l.* per annum. Instruction in Classics, Mathematics, etc., to 100 scholars, of whom 73 are on Foundation and resident, and pay 15*l.* per annum, and 27 are non-resident. University Matriculations. 131 certificates, 57 in honours, had been gained by the pupils at the University Local Examinations up to 1873. Vacations, 9 weeks. Head Master, the Rev. E. Waite, M.A.

**BLACKHEATH, OXFORD HOUSE, UPPER S. JOHN'S PARK.** Pupils prepared for the Universities, the Public and Grammar Schools, Professional, and for the Legal and Medical Examinations. The course of education comprises Greek, Latin, Mathematics, Arithmetic, and Writing. Terms: boarders, from 60 to 80 guineas per annum; day-pupils, 21 to 24 guineas per annum, and extras. The year is divided into 3 terms, and the vacations are the same as at the Public Schools. Principal, the Rev. Maurice W. Pitman, M.A., Queen's College, Oxford, and 3 assistant Masters.

\* **BLACKHEATH, PERCEVAL HOUSE, DARTMOUTH ROW.** Young gentlemen received as pupils, educated generally, and very carefully and successfully prepared for the various Examinations, Competitive and Direct, which admit to the Public Schools, the Army, the Navy, the Civil Service, the Universities, etc. Terms: from 85 to 135 guineas per annum, and extras. Vacations, about 14 weeks. Principal, W. Kieser, M.A., assisted by experienced Masters, 4 resident and 4 visiting.

**BLACKHEATH, SHIRLEY HOUSE, S. JOHN'S PARK.** High-class

preparatory school for the sons of members of the Civil and Military Services received up to 12 years of age. Principal, Mrs. Henry Mackinnon, assisted by her sister, Miss Birch, and a large and efficient staff of Masters and Governesses.

**BLACKHEATH, SANDHURST LODGE, CHARLTON ROAD.** Resident and non-resident pupils are received and prepared for the Army, Woolwich, and Sandhurst. The studies in the year are divided into 3 terms; viz., Spring term, 12 weeks, from January 12th to April 6th; Summer term, 10 weeks, from April 21st to July 1st; and the Autumn term, 15 weeks, from August 18th to December 1st. These terms are arranged to end on the day that the various military examinations commence. The fees for resident students, including rooms, board, and tuition, are 148 guineas per annum, or 45 to 60 guineas per term; for tuition only, viz., non-resident students, half the above terms. Principal, J. A. Grattan (late Royal Artillery), with a staff of Lecturers and Masters.

**BLACKHEATH, ALPHA HOUSE PREPARATORY SCHOOL, CRESWELL PARK.** Established 1842. Pupils prepared for Public Schools. A sound English education, including French and Latin, is given. Terms: 40 to 50 guineas per annum; day-boarders, 20 to 25 guineas; day-scholars, 12 guineas. There are 13 Exhibitions and Scholarships. Vacations, about 12 weeks. Principal, Mrs. Gibbs, assisted by resident English and Parisienne Governesses, and daily visiting Tutor.

**BOROUGH ROAD, BRITISH AND FOREIGN SOCIETIES' MODEL SCHOOL.** This institution was founded by Joseph Lancaster in 1798. It is not endowed. The course of instruction embraces: 1. Religious, unsectarian; 2. Secular, as prescribed by the Code of the Education Department. Extra subjects (Sciences, etc.) taught in the advanced classes. The average attendance of pupils is about 300. Boys are admitted at about 7 years of age, by the Head Master, acting under the direction of the Committee of the Society. Examinations are held annually by 1. the Education Department; 2. the Science and Art Department; 3. the Committee of the British and Foreign School Society. The vacations are about 7 weeks, Christmas and Midsummer. Head Master, George Collins, and two assistant Masters.

\* **CATFORD, CATFORD COLLEGIATE SCHOOL.** The course of instruction includes the Classics, Mathematics, Modern Languages, thorough English, Drawing, Phonetic Shorthand, Music, and the elements of the Physical Sciences. Pupils prepared for the Oxford and Cambridge Local Examinations. Terms: boarders, 40 to 50 guineas per annum; day-pupils, 8 to 12 guineas per annum, and a few extras. Principal, the Rev. J. B. Blemfield.

**DULWICH, WEST, "HAWTREE HOUSE," BOSTON ROAD.** Pupils prepared for Public Schools. Preparatory School for Dulwich College and the other Public Schools. Terms: boarders, from 50 guineas per annum, according to age and requirements. Principal, W. C. Rodgers, B.A., Christ's College, Cambridge.

† **DULWICH, WESTMORLAND SOCIETY'S SCHOOL, NORWOOD LANE.** Opened 1854. Endowment, about 300*l.* per annum. Instruction in Elementary English course. Boards and clothes 17 boys and 9 girls,

all free. The admissions are by election in May of each year. Candidates must be children over 8 and under 12 years of age, born in London of parent or parents born in Westmorland. The school usually retains scholars up to 15 years old. Vacations, 5 weeks. Principal, vacant, with assistant Masters.

\* **FOREST HILL, WESTWOOD PARK HOUSE.** A limited number of pupils receive instruction in English, French, Latin, Greek, Mathematics, and Drilling. Pupils are prepared for the Oxford and Cambridge Local Examinations. Terms: boarders, from 66 to 75 guineas per annum; day-pupils, 21 guineas per annum, and a few extras. Principal, Rev. H. J. Chancellor, with assistant Masters.

**FOREST HILL, HOLLYWOOD, ELIOT BANK.** At this establishment about 12 pupils are received and prepared for the Army, Civil Service, or University Examinations. The course of instruction comprises English, Classics, French, German, Mathematics, Science, and Drawing; and special arrangements are made for any additional subjects required for a particular examination. Individual tuition is a leading feature of the establishment. Fees, 45*l.* per term (of about three months), or 16 guineas per month, with a few extras. Principal, H. R. Clinton, M.A., F.R.Hist.S., author of the approved military histories, "From Crécy to Assye," "The Peninsula War and the Waterloo Campaign"; assisted by several Masters, including a Wrangler and a Barrister-at-Law. See also the two first pages in this work (pages i and ii) and Index to Appendix B.

† **FOREST HILL, STAFFORD COLLEGE.** At this school the most thorough instruction is given in Classics, Mathematics, English, Natural Sciences, and Modern Languages. Pupils are prepared for the great Public Schools, and for the Competitive Examinations. Terms: for boarders, 40 to 60 guineas per annum. Vacations, 12 weeks. Principal, John Dunnett, 1st B.A., London, assisted by resident and other Masters.

**GREENWICH, MORDEN HOUSE, SOUTH STREET.** Established 1867. There are 3 departments, Preparatory, Commercial, and Classical. The Preparatory Department, exclusively for pupils under the age of 8 years. The subjects of instruction in this are Reading, Spelling, Writing, Arithmetic, and Drill. The Commercial Department for pupils above 8 years of age. The subjects of instruction, in addition to the above, are English in all its branches, Mental Arithmetic, Mensuration, Ornamental Writing, Drawing, French, and Vocal Music. The Classical Department embraces, in addition to the above studies, Latin, Greek, German, Roman, and Grecian History, Geometry, Algebra, Natural Philosophy, etc., etc. Terms: Preparatory Department, 30 guineas; Commercial Department, 35 guineas; Classical Department, 40 guineas per annum. There are about 60 pupils, 30 of whom are day-scholars. Vacations, 10 weeks. Principal, J. W. Green, London University, and 3 assistant Masters.

† \* **GREENWICH EAST, BELLEVUE SCHOOL.** This school is in union with the College of Preceptors. A general course of instruction given. Principal, Thomas Turner.

**GREENWICH, ROAN SCHOOL.** Founded 1644, by John Roan, re-organized under a new scheme in 1877. Endowment, 2,000*l.*, shared be-



tween the boys' and girls' schools. Boys are admitted from 7 up to 15 years of age. There is an entrance examination. The course of instruction embraces the whole of the English subjects, with elementary Science, Drawing, elementary Latin, French, and German. The entrance fee is 17., and tuition fees 6*l.* per annum ; 500*l.* a year is given in both schools for Exhibitions, 300*l.* a year for Scholarships to places of higher education, and 150*l.* a year for improvement of public Elementary Schools in Greenwich. Head Master. C. M. Ridger, B.A.

HATCHAM, ASKE'S HATCHAM SCHOOLS (*2nd Grade*). SCHOOLS OF THE HABERDASHERS' COMPANY. These day-schools are established for the education of about 300 boys and 200 girls. The tuition fees are 8*l.* a year, with small admission fee. Head Master, W. J. Spratling, D.Sc., London, F.G.S., and 10 assistant Masters. Clerk to the Managers, R. J. Ellis. For the Girls' School see Volume II.

HONOR OAK, S. AUSTIN'S. Established 1874. Preparation for the Public Schools and for Competitive Examinations to 30 boys, nearly all boarders, at from 54 to 60 guineas each. Examiners from the Universities. Head Master, the Rev. J. R. Dunn, M.A., Scholar of S. Catharine's College, Cambridge, and 4 assistant Masters.

\* KENNINGTON ROAD, CLARENDON HOUSE COLLEGIATE SCHOOL. This school is an old established (1854) and well-known institution, and it is in union with the College of Preceptors. The course of study, in addition to that of the usual English branches, includes instruction in Classics, French, German, Mathematics, and Physics ; the last subject being illustrated by means of an extensive collection of scientific apparatus. Pupils prepared for the Universities, the learned Professions, the Civil Service, and for Mercantile pursuits. The scholastic year is divided into 3 terms, commencing January, April, and September. Terms : boarders, from 36 to 48 guineas ; and day-pupils, from 6 to 9 guineas per annum each, with extras. Principals, N. J. Evans and D. R. Macleod, and assistant Masters.

\* KENNINGTON, MIDDLE CLASS SCHOOL. Established 1868. Instruction in Latin, English, French, German, etc., to about 130 boys, who are received from 8 years of age. Vacations, 10 weeks. Principal, Rev. T. Athaway, M.A., and 2 assistant Masters.

LAMBETH, RICHE'S GRAMMAR SCHOOL (now called "Lambeth Boys' School"). Patron, His Grace the Archbishop of Canterbury. Founded by Alderman Riche in 1761 ; altered to meet the growing wants of the time. Scholarships for 8 boys, who have their education free ; books and other material being provided. This school is divided into 3 departments, viz., upper, middle, and lower schools. The instruction given in the upper school comprises all the necessary parts of a sound Commercial education. The course includes Arithmetic, Mensuration, Mathematics, French, Vocal Music, Freehand and Geometrical Drawing, and Drill. In the lower school, Elementary Reading, Writing, and Arithmetic. Number of pupils about 500. Head Master, John Hernaman, A.K.C. Master of the Upper School, Wm. T. Underwood. Master of the Middle School, Chas. Alexander. Master of the Lower School, F. Paul Bird, and staff of assistant Masters.



\* LAMBETH, S. MARY THE LESS, AND VAUXHALL, S. PETER COMMERCIAL SCHOOLS. Subjects of instruction : English Reading and Grammar, Writing and Composition, Arithmetic, Geography, and History, the Holy Scriptures and Book of Common Prayer, Vocal Music, Drawing, Mensuration, and Algebra. Extra subjects of instruction, Book-keeping and Euclid, French and Latin. A few of the scholars are prepared for the Cambridge University Middle Class Examinations by the Rev. F. Ll. Bagshawe, M.A., late Scholar and Wrangler of Trinity College, Cambridge. Head Master, J. Longhurst Johnson, of S. Mark's College, Chelsea, and assistant Masters.

LEE, DERWENT HOUSE SCHOOL, 2, LEYLAND ROAD. Established 1867. Pupils received and prepared for the Public Schools, Universities, Civil Service, Military, Naval, and for the Oxford and Cambridge Local Examinations. Instruction in Classics, Mathematics, English, French, and German. Number of pupils, 40, received from 8 years of age. Terms : boarders, from 75*l.* to 105*l.* per annum ; and day-scholars from 21*l.* to 32*l.* per annum each. Examinations, Midsummer and Christmas. Vacations, 13 weeks. Principal, Rev. G. T. P. Streeter, B.A., Clare College, Cambridge, late Classical Scholar, Exhibitioner, and prizeman of his College ; first Senior Optime in the Mathematical Tripos, 1856 ; first class in the Moral Science Tripos, 1857 ; one resident and 4 non-resident assistant Masters.

\* † LEE, MELROSE HOUSE, BURNT ASH LANE. Course of instruction : Classics, French and German, Physical Science, etc., etc. Pupils prepared for the Universities, the Military Colleges, the Civil Service, the Oxford and Cambridge Locals, and the College of Preceptors Examinations, and for Commercial and Agricultural pursuits. Terms : for boarders, from 60 guineas per annum. Principal, Dr. R. P. Nobbs, M.R.C.P., with assistant Masters.

LEE, BELMONT HOUSE, BLESSINGTON ROAD. This is a well-known preparatory school for the sons of gentlemen. Instruction in English, Elementary Classics, French, German, Music, and Drawing. Boys between the ages of 7 and 14 thoroughly prepared for the Public Schools. Pupils have passed with credit into Charterhouse, Haileybury, Uppingham, etc. Terms : Pupils under 8, 40 guineas, above, 45 guineas per annum ; day-boarders, 20 guineas per annum each. Principal, F. Barff, with assistant Masters and Governesses.

LEWISHAM, BLACKHEATH PREPARATORY COLLEGE, MOUNT GRANVILLE HOUSE, near S. STEPHEN'S CHURCH. About 50 pupils, from 6 to 16 years of age, are carefully prepared for the Desk, Commerce, Wellington College, the Public Schools, and the Ships *Conway* and *Worcester*. The course of studies comprises Arithmetic, including Algebra and Mathematics, English, French, Latin, Vocal Music (in class), etc. Terms : 30 guineas per annum, and a few extras. The only vacations are 5 weeks at Midsummer, and the same at Christmas, when a gold and silver medal, also numerous prizes, etc., are awarded to those pupils who have distinguished themselves during the past Session. A fee of 2½ guineas is charged for pupils who remain at school during either recess. Principal, Edmund Couldery, and 9 assistant Masters.

\* **LEWISHAM HILL, COLFE GRAMMAR SCHOOL.** Endowment, shared with other charities, 700*l.* per annum, with house. Founded in 1656, by the Rev. Abraham Colfe, and in the trusteeship of the Leathersellers' Company. The school is now managed under a Chancery scheme of 1857. Instruction in Greek and Latin Classics, French, Mathematics etc. 31 Foundation Scholars, paying 2*l.* per annum (elected from Lewisham, Greenwich, Deptford, Woolwich, Eltham, Lee, and Charlton parishes), 30 day-scholars, paying 9*l.* to 12*l.* per annum, and 10 boarders, paying 54*l.* to 57*l.* Age from 8 to 17. School has 1 Exhibition of 40*l.*, tenable 3 years. Examinations by nominees of Trustees. Vacations, 13 weeks. Head Master, the Rev. Thomas Bramley, M.A., and 6 assistant Masters.

\* **LEWISHAM, CONGREGATIONAL SCHOOL.** This is a school situated in the Lewisham Road for the education of the sons of Congregational ministers only. The number of boys is at present 87. The subjects of instruction are Scripture, Greek, Latin, German, French, English History, Geography, Dictation, Arithmetic, Algebra, Euclid, Trigonometry, and Elementary Natural Philosophy. 61 certificates, 42 in honours, had been gained at the University Locals up to 1873. The staff consists of the Head Master, the Rev. Thomas Rudd, B.A., and 4 assistant Masters. Secretary, Rev. S. Fisher, Memorial Hall, Farrington Street, E.C.

**NEW CROSS, COUNTER HILL GRAMMAR SCHOOL, ROKEBY ROAD.** Instruction in general English subjects, French, German, Latin, Greek, Music, Drawing, and Painting, to about 40 to 50 pupils, who are received from 6 years of age. Terms : from 4 to 6 guineas per annum each, and extras. Principal, J. Hodgson, with assistant Masters.

**NEWINGTON BUTTS, NEWINGTON GRAMMAR SCHOOL, CHURCH HOUSE.** Founded 1666. This school is divided into 2 departments—Commercial and Classical. The course of instruction comprises Classics, Mathematics, English, French, German, Natural Sciences, Drawing, etc., to about 50 pupils (none free). Terms, from 6 to 11 guineas per annum. Vacations, 12 weeks. Head Master, John A. Coombe, and 3 assistant Masters.

\* **NORWOOD, UPPER, BELVEDERE HOUSE, BELVEDERE ROAD.** Established 1846. The school is divided into two parts, the Classical side and the Modern side. The Classical side is intended for boys preparing for the Universities or for the Public Schools. The Modern side is intended for boys preparing for the Army or Navy, Civil Service, Modern side of Public Schools, Legal or Medical Professions. The fees for boarders under 12 years of age are 60 guineas, and above 12 years of age 80 guineas per annum. Head Master, the Rev. Algernon P. Bellamy, B.A., late Rector of Harford, South Devon, Open Scholar of St. Catharine's College, Cambridge, assisted by Graduates of Oxford or Cambridge and a resident Master for Foreign languages.

**NORWOOD, UPPER, DULWICH HOUSE SCHOOL, VICTORIA ROAD.** A high-class private school for the sons of gentlemen. Established in 1872. Terms: boarders, 60 to 80 guineas; day-pupils, 12 to 20 guineas per annum. Especial attention is given to the study of Modern Languages, which are becoming more and more an essential part of modern edu-

cation. Principal, J. K. Barnes, London University, late Upper Fifth-Form Master, Bedford Modern School, Harpur Foundation.

**NORWOOD, SOUTH, SOUTH NORWOOD COLLEGE.** Established 1860, Pupils prepared for Universities, Public Schools, Army, Medical, Legal, and Competitive Examinations. There are 24 day-pupils, from 10 to 20 guineas per annum each. Pupils received from 8 years of age. Vacations, 12 weeks. Principal, Rev. W. E. Littlewood, M.A., and assistant Masters.

**NORWOOD, SOUTH, 15, DAGNALL PARK VILLAS.** Pupils attending the City of London School are received as boarders. The terms for pupils under 14 are 45 guineas; above 14, 48 guineas per annum. These terms include Railway fare to and from the school daily, and Crystal Palace season ticket; there are no extras. Pupils awaiting admission to the City of London School are also received as boarders, and prepared to pass the Entrance Examination. Principal, John Emery, Commercial Master in the City of London School.

\* **NORWOOD, UPPER, CENTRAL HILL COLLEGE.** Established 1849. The course of education includes instruction in the English Language, Arithmetic, Mathematics, Latin, Greek, French, and German Languages, the Natural Sciences, Music, Drawing, and Drilling. Pupils prepared for the Universities, the Civil Service, the Oxford and Cambridge Local Examinations, and for professional and Commercial pursuits. Average number of scholars about 50. Terms: for boarders, from 50 to 80 guineas per annum; day-pupils, 10 to 15 guineas per annum each. Examinations, Christmas and July. Vacations, 14 weeks. Principal, G. Harrison Pope, F.R.H.S., assisted by resident and visiting Masters.

\* **NORWOOD SOUTH, DAGNALL HOUSE SCHOOL, DAGNALL PARK** Established 1860. An old-established and excellent school for boys. Instruction in Classics, Mathematics, French, German, Physical Science etc., to 35 boarders and 30 day-boarders. Terms: boarders, 80 to 120 guineas (inclusive) per annum; day-boarders, 40 guineas. 2 Scholarships of 20*l.* and 10*l.* a year respectively, tenable for 2 years. University Local Examinations. Vacations, 12 weeks. Principal, Daniel Cornish, with 4 resident and 6 non-resident Masters.

**NORWOOD UPPER, NORWOOD COLLEGE, CENTRAL HILL.** At this school the sons of gentlemen are prepared for the Universities and for the various public examinations. The curriculum of studies comprises Classics, Mathematics, Science, and English, with Modern Languages. Terms: for board and tuition, 100 guineas per annum. Principal, J. J. Wilkinson, B.A., Queen's College, Cambridge, Classical Prizeman and Graduate in Mathematical Honours, with assistant Masters.

**NORWOOD UPPER, THICKET ROAD, DEVONSHIRE HOUSE COLLEGE.** Sons of gentlemen from 6 to 14 years of age. Indian and other pupils are well grounded in the elements of a sound Classical Education. The year is divided into three terms. Fees for resident pupils, including English, Latin, French, Arithmetic, and Drawing, 50 guineas per annum. Non-resident pupils, from 9 to 12 guineas per annum. Daily boarders, 20 guineas per annum. There are a few extras. Inclusive terms for Indian pupils, 70 guineas per annum. Principals, Mr. and Mrs. Sansom, assisted by efficient Masters and Governesses.

**NORWOOD LOWER, WOLFINGTON HOUSE SCHOOL.** Established 1859. The subjects of education are English, Greek, Latin, French and German, Mathematics, embracing Arithmetic, Algebra, and Euclid, and Drawing. With these is combined a strict attention to Religious and Moral Training. Terms: boarders, 35 to 40 guineas per annum; day-pupils, 12 guineas per annum. Principal, J. Compton, Trinity College, Dublin, and 6 assistant Masters.

\* **PECKHAM RYE, S. MARY'S COLLEGE, HANOVER PARK.** Consists of a Boys' school, a Girls' school, and a Kindergarten, conducted in separate departments. Grounds, 3 acres in extent. About 300 pupils. Established 1868, to provide, at a moderate charge, a superior Commercial and Classical education, on Church of England principles. Terms: boarders, 40 guineas per annum each inclusive. Vacations, 10 weeks. Principal, A. Estoclet, and 18 assistants.

**PENGE, ALBEMARLE COLLEGE, PENGE LANE.** This College affords to boys residing in the neighbourhood an education similar to that of the Modern side of the Great Public Schools, and at a very moderate cost viz.: under 12, day boys, 10*l.* 10*s.*; over 12, 12*l.* 12*s.*; boarders, 45 to 65 guineas per annum. Principal, Rev. G. W. Mackie, B.A., B.Sc.

† **PECKHAM, CLAYTON COLLEGE, HIGH STREET.** Established 1852. Instruction in Mathematics, Modern Languages, Science, Drawing, and the requirements of Commerce. Number of pupils, 260; of these 50 are boarders, from 45*l.* per annum each, and the others day-pupils, from 8 guineas per annum. Principal, R. Lydgate, and 12 assistant Masters.

† **PECKHAM, RUTLAND HOUSE SCHOOL.** Established 1833. Instruction in Latin, French, Mathematics, etc., to 48 boys, of whom 40 are day-pupils, paying 4*l.* to 8*l.* per annum. Sends pupils to College of Preceptors. Principal, Thomas Stevens, and 2 assistant Masters.

\* **SOUTHWARK, S. SAVIOUR'S FREE GRAMMAR SCHOOL, SUMNER STREET.** Founded 1562. Endowment, 286*l.* per annum. Instruction to 100 boys, paying 6*l.* 18*s.* per annum each, in Classics, French, German, Mathematics, English, and Natural Science. Has 3 Exhibitions of 50*l.* a year, and 1 of 21*l.*, tenable for 4 years at Oxford or Cambridge, and 4 Marshall's Exhibitions of 50*l.*, to which this school has the first claim. Vacations, about 11 weeks. 25 certificates, 6 in honours, had been gained at the University Locals up to 1873. Principal, the Rev. Canon E. Boger, M.A., and 6 assistant Masters, non-resident.

\* **SOUTHWARK, S. OLAVE'S GRAMMAR SCHOOL.** Founded by Queen Elizabeth, in 1573. Endowment, 5,000*l.* per annum. Instruction in Classics, Mathematics, French, Music, and English course, to about 800 boys, admitted between 6 and 7 years old, belonging to S. John's or S. Olave's parishes, Southwark, all free. The school is divided into 3 departments,—Senior, Junior, and Elementary,—and in the first 2 the children of the ratepayers of S. Olave's and S. John's, Southwark, are charged not more than one half of the amount payable by boys from other parishes. Has 4 Exhibitions of 80*l.* per annum each, tenable at Oxford, Cambridge, Durham, or London Universities, at King's College, London, or at Legal, Military, Naval, or Medical Schools. A number of free Scholarships provided and granted to not more than 10 per cent. of



the pupils, and, in addition, power is given to the Governors to apply 400*l.* per annum in Scholarships, each of the yearly value of not more than 25*l.* An annual sum of 500*l.* is devoted to Exhibitions for girls—half to enable girls to attend any upper school in Southwark, and the other half to enable holders to enter any college or training institution for the higher education of women. The charity is endowed with 16 acres in Fleet Lane, and part of Tooley Street, and has an estimated income of 5,000*l.* 89 certificates, 39 in honours, had been gained at the University Locals up to 1873. The prizes were distributed in 1878 by the Bishop of Rochester. He congratulated the friends of the boys on the popularity of the school, as evinced by its increasing numbers, there being nearly 800 boys, and on the variety and thoroughness of the teaching, as shown by the highly satisfactory reports of the Examiners, and the numerous successes the school had attained during the past year at the Universities and the Oxford Local Examinations, where the highest possible honours were obtained. Head Master, the Rev. A. Johnson, M.A., with several assistant Masters.

\* **SOUTHWARK, COLLEGE SCHOOL, 166 TO 169, BLACKFRIARS ROAD.** The school is divided into 2 departments—the Modern and the Classical. In the Modern, attention is specially directed to Modern Languages, and to preparation for the Civil Service and Commercial appointments. In the Classical Department, prominence is given to Greek, Latin, and Mathematics, and to preparation for the Professions and the Universities. The course of instruction comprises Classics, Mathematics, English in all its branches, French, German, Natural Science, and Drawing. Pupils are prepared for the Oxford and Cambridge Locals, Civil Service, Universities, Mercantile pursuits, and the Theological Colleges. There are 6 Exhibitions of 4*l.* 4*s.* per annum each, for boys with good voices for S. Alphege, Southwark, Church choir. Terms: day-scholars, 6 to 8 guineas per annum each, and a few boarders are received in the Warden's house at 50*l.* per annum each, with a few extras. The year is divided into 4 terms. Vacations, 13 weeks. Warden, the Rev. the Vicar of S. Alphege, Southwark; Head Master, vacant; Mathematical Master, Alfred R. Clemens; Classical Master, James E. Griffin, and 3 assistant Masters. . See also Index to Appendix A.

**SYDENHAM, LANGHOLM HOUSE, SYDENHAM PARK.** This is a preparatory school for young gentlemen. Instruction given in English, French, Latin, and Drawing. Terms: for boarders, 40 guineas per annum; day-pupils, from 6 to 8 guineas per annum each. Principal, the Misses Summers, assisted by Masters.

**WALWORTH, WALWORTH COMMERCIAL SCHOOL, 41 AND 43, MANOR PLACE.** Established 1840. The course of instruction comprises English, French, and Latin to about 110 pupils intended for Commercial life. Terms: boarders, from 28 to 35 guineas; foreign pupils, from 63 to 80 guineas per annum; day-scholars, 3*l.* to 5*l.* per annum. Vacations, 8 weeks. Principals, J. Bennett and Son, with 4 assistant Masters.

**WALWORTH, BOROUGH JEWISH SCHOOLS, HEYGATE STREET, WALWORTH ROAD.** Instruction in Elementary Hebrew, English, French, and German, to about 150 (50 free) children, who are received from 4 years, of age. There are 8 prizes distributed annually, 6 of 5 guineas, and 2.



of 5*l*. Vacations, 9 weeks. Principal, Barnett Lelynell, with assistant. Masters and Governesses.

WESTMINSTER BRIDGE ROAD, YORKSHIRE SOCIETY'S SCHOOL. Established 1812. Is supported by voluntary contributions, from which it has an income of over 2,000*l*. per annum. Boards, clothes, and instructs 70 boys, all free, admitted between 9 and 12 years of age. They, or one of their parents, must have been born in Yorkshire, and the latter must have been "in a respectable line of life," but reduced by misfortune, or dead. Instruction in English Commercial course, with French, Latin, Drawing, and Chemistry. Vacations, 7 weeks. Head Master, T. E. J. Spence, University of London, with 2 assistant Masters.

WOOLWICH. See WOOLWICH.

## LONDON, S.W.

BALHAM, ST. CUTHBERT'S COLLEGE. This is the leading school in Balham, and is divided into the Upper School, from which boys have passed successfully into Public Schools, as well as into commercial life; the Lower School is essentially a preparatory department. The College fees are 15, 18 guineas, &c., per annum, according to age and requirements. The fees for boarders are 45 guineas per annum. Warden and Head Master, Rev. E. Roberts, M.A., Exeter College, Oxford, and assistant Masters.

BARNES (*Surrey*), NASSAU SCHOOL. The object of the school is to provide a thorough and practical education, and to prepare boys for entrance to the Public Schools, the Army, etc. The Classics, French, Natural Science, and Mathematics, in addition to a sound English education, form the ordinary school course. German, Drawing, Music, Dancing, and Drilling are extras. Fees: 90 guineas per annum; boys under 13, 75 guineas per annum. Principal, the Rev. John Hewetson, M.A., late Second Master St. Bees Grammar School, formerly Eaglesfield Exhibitioner, Queen's College, Oxford, and resident assistant Masters.

BARNES COMMON, BEVERLEY HOUSE SCHOOL. The school course includes instruction in English, Latin, Greek, French, German, Algebra, Euclid, Natural Science, and Drawing. Pupils prepared for Competitive Examinations. The school year is divided into 3 terms. Vacations 11 weeks. Fees: for boarders, 40 to 50 guineas per annum. Principal, G. H. Stevens, M.C.P., C.M., with 3 resident and 4 non-resident Masters.

BARNES, BURLINGTON HOUSE SCHOOL. The course of instruction includes English, Latin, Greek, French, Mathematics, and Elementary Science. Special classes are also held in Book-keeping, Shorthand, Music, Class-Singing, and advanced Science. Preparation for College of Preceptors, Locals, London matriculation, and Commercial life. Fees: for day-boys, 10*l*.; for boarders, 40*l*. per annum. School year divided into

3 terms. Vacations about 10 weeks. Principal, Butler Smith, B.A., University College, London, with 2 resident assistant Masters, and visiting Masters.

**BATTERSEA, ALBION HOUSE ACADEMY, 19 AND 21, BRIDGE ROAD, WEST.** This school has been established over a quarter of a century. The course of instruction includes the Latin, German, and French Languages, Music, Drawing, Drilling, Mathematics, Book-keeping, and the usual branches of a sound English education. 50 to 60 pupils are received from 5 to 18 years of age. The year is divided into 3 terms, viz., January to April, April to July, September to December. Fees: boarders, 20 to 26 guineas per annum; day-pupils, 4 guineas per annum, with some extras. Vacations, about 13 weeks. Examination at Christmas. Principal, R. Morton Taylor, with assistant Masters.

**BATTERSEA, GRAMMAR SCHOOL, S. JOHN'S HILL. (2nd grade.)** Founded under the trust of Sir Walter S. John, A.D. 1700. Scheme revised by the School Commission, A.D. 1873. Endowment, 100*l.*, with capitation fees. Preparation for the Universities, and for Professional and Commercial life. Latin, Greek, French, German, Mathematics, etc. Natural Science and Drawing and Vocal Music taught. 80 pupils in attendance, none free. The age of admission is 8 years. Examinations at the end of each term. Once in the year the Examination is made by a Graduate of the English Universities, appointed by the Governors. Vacations at Christmas, Easter, and Midsummer,—13 weeks. Head Master, W. H. Bindley, M.A., formerly Scholar of Emanuel College, Cambridge, with a staff of competent assistant Masters.

\* **BRIXTON, BRIXTON HILL SCHOOL.** This is a well-known and old, established school. The course of study includes Classics, Mathematics French, the Elements of Physical Science, and the usual subjects of a general English education. The year is divided into 3 terms. Fees: for boarders under 10 years of age, 60 guineas; under 12 years of age, 70 guineas; and above that age, 80 guineas per annum, for board and education. Head Master, Rev. E. O. Vincent, M.A., late Scholar of Trinity College, Cambridge, with resident assistant Masters.

**BRIXTON, TULSE HILL SCHOOL.** This school is preparatory for the Public Schools. During the last two years, seven Scholarships have been gained at St. Paul's School by boys of the average age of 12 years, and good positions have been taken at Dulwich College, Cifton College, Uppingham, and Bath College. There are 3 terms in the year. Fees, for boarders, 60 to 80 guineas. Principal, J. S. Scott, University, St. Andrews and Edinburgh, assisted by efficient Masters.

\* **BRIXTON, GROSVENOR COLLEGE, 366, BRIXTON ROAD.** Established under present system in 1871. The course pursued gives a thorough English education. The pupils are prepared for the Oxford or Cambridge University Local Examinations, also for the Medical, Civil Service, and other Competitive Examinations. Pupils may be also prepared for the Oxford, Cambridge, and London Universities, Eton College, Rugby School, Sandhurst Military College, and direct Commissions in the Army. There are in attendance boarders and day-pupils. Boarders' fees, 45 to 60 guineas per annum; day-pupils, 8 to 12 guineas per annum. Pupils

admitted at the age of 8 years and upwards. Vacations: about 11 weeks, at Easter, end of July, and Christmas. Principal, Edmund Walburn, M.A., F.R.G.S., 2 resident English Masters, 4 non-resident or visiting Masters.

\* † BRIXTON HILL, TELLHAM HOUSE SCHOOL. This school is in union with the College of Preceptors. Instruction for University Local and other Examinations to day-boys, at 15, and boarders, 40 to 50 guineas per annum each. 3 terms in the year. Principal, James Pincott, M.C.P., with resident assistant Masters.

\* BRIXTON, BRIXTON LODGE COLLEGIATE SCHOOL. The pupils are instructed in the Latin, Greek, and French Languages, Mathematics, and English. The terms are, for boarders, 30 to 40 guineas per annum. Principal, J. Quicke, aided by assistant Masters.

BRIXTON OVAL, BRIXTON HIGH SCHOOL. This school was established in 1830, under the title of Bedford House School. It is divided into two Departments, Classical and Modern, on the Classical side due attention is also given to English subjects, the Modern Languages, and Science. And in the Modern Department, Mathematics, French, German, Drawing, and the usual English subjects; great attention being paid to the latter, so that pupils are fitted to enter Commercial or Professional life on leaving the school. The terms for boarders range from 40 to 60 guineas per annum. Pupils are prepared for the Oxford Local and other Examinations. The school year is divided into three terms, and there are 12 weeks vacations during the year. Principal, George Temple, with assistant resident Masters.

BRIXTON, LOUGHBOROUGH COLLEGE, COLD HARBOUR LANE. In union with the Royal College of Preceptors. The curriculum includes Classics, Modern Languages (French and German), Mathematics, Drawing, Drill, and the usual branches of English. Arithmetic and Orthography, or correct Spelling, which are sometimes neglected, are considered as of paramount importance, as is also Caligraphy, or good Penmanship. Boarders, upper school, 39 guineas; lower school, 30 guineas; day pupils, 12 and 6 guineas per annum. Principal, F. Tillbrook, M.C.P., with 8 experienced assistants.

BRIXTON, THE LIMES, ACRE LANE, ANGLO-GERMAN SCHOOL. At this school one half the lessons is given in English and the other half in German, and the curriculum includes all such branches of scientific and literary culture required by advanced scholars. The fees are for day-pupils 9 to 24 guineas per annum. Head Master, Herr Heinrich Baumann.

BROMPTON, 233, BROMPTON ROAD. Established 1857. The course of instruction embraces Modern Languages, Commercial affairs, and Mathematics. Six pupils are received from 17 years of age upwards, paying 120*l.* per annum. Vacations, 9 weeks. Principal, George F. White, B.A., with 4 visiting Masters.

\* † BROMPTON, WESTERN GRAMMAR SCHOOL. Preparation for University Local Examinations. General course of instruction. Principal, E. J. Huelin, with assistant Masters.

¶ \* CHELSEA, CHELSEA GRAMMAR SCHOOL. Established 1871. The course of instruction includes Divinity, Classics, Mathematics, English, French, German, Drawing. Fees: for day-scholars, 12 to 15 guineas per annum; and for boarders, 60 to 80 guineas per annum. The age for admission is 9 years. Examinations at midsummer, by the Head Master and visiting Examiners. Vacations, about 12 weeks. Principal, the Rev. J. E. Wilson, M.A. (Cantab.), M.C.P., with 3 assistant Masters, 1 of whom is resident.

CHELSEA, ROYAL MILITARY ASYLUM MODEL SCHOOLS. See Military Schools, Part IV., page 238.

CHELSEA, ROYAL MILITARY ASYLUM, DUKE OF YORK'S SCHOOL. See Military Schools, Part IV., page 238.

CROMWELL ROAD, 19 AND 21, LEXHAM GARDENS. At this establishment candidates are carefully and successfully prepared for Woolwich, Sandhurst, Militia, Competitive and Preliminary, Sandhurst Final, and Staff College and Promotion Examinations. Terms, including tuition in all subjects taken up at the examination for which the pupil is preparing, and board and lodging, for resident pupils, 200*l.* per annum, payable terminally; for shorter periods, per week, resident, 6 guineas; non-resident, 3 guineas. Militia officers are taken at any time. Principals, Captain W. H. James, F.G.S., P.S.C., late R.E., who passed from the Staff College, in 1877, with "Honours," and Major E. J. Lynch, late Garrison Instructor, who are assisted by a staff of Lecturers and Graduates for special subjects.

CROMWELL ROAD, SOUTH KENSINGTON COLLEGE, 35, HEREFORD SQUARE. The object of the school, which was established in 1867, is to prepare the sons of noblemen and gentlemen for the Public Schools. There is a junior division, and the senior division pupils are taught Latin, Greek, French, Algebra, Euclid, and English Composition. Terms: Elementary pupils, 12 guineas; junior pupils, 20 guineas; senior pupils, 25 guineas per annum; day-boarders, 35 guineas; boarders, under 12 years of age, 70 guineas; boarders, above 12, 80 guineas per annum. The fees for extra Masters are, for German, Drawing, Drill exercises and Calisthenics, Music, Piano, etc., from 3 to 6 guineas each. The year is divided into three terms—viz., from January to Easter, Easter to end of July, September to Christmas. Principal, A. S. B. Scott, with a competent staff of Masters. See also Index to Appendix A.

CLAPHAM, THORNTON HOUSE, BOWYER TERRACE. This is a preparatory school for the sons of gentlemen. There are 3 terms in the year. Fees: for board, with the general course of instruction in English and Latin, 45 guineas per annum; day-boarders, 21 guineas per annum. Vacations, 12 weeks. Principals, Miss Matthews and Mrs. Haselden.

† CLAPHAM, CHRIST'S COLLEGE AND PREPARATORY SCHOOL, RECTORY GROVE. System, the Classical and Mathematical course of instruction, as pursued in the University of Cambridge, with the advantages of a thorough Commercial and Continental education in conformity with the doctrines of the Church of England. Instruction in Arithmetic, Algebra, the higher branches of Mathematics, Latin, Greek, French, English, and General Literature, etc. Annual terms: for board and

tuition, from 30 to 50 guineas each. Vacations, 12 weeks. Principal, Dr. Bartels, with a staff of assistant Masters.

CLAPHAM, THE CLAPHAM RISE COLLEGIATE SCHOOL, 78, GAUDEN ROAD. The object of this school is to provide, at a moderate cost, a sound and practical education, which shall qualify its pupils to engage successfully in Commercial or Professional life. In the upper classes the course of instruction is arranged with a view to the preparation of boys for the Cambridge Local Examination, and for that of the Science and Art Department of the Committee of Council on Education. The course of instruction comprises—Reading, Writing, Spelling, English Grammar, Composition and Literature, Geography, History, Arithmetic, Book-keeping, Latin, French, Euclid, Algebra, Mensuration, Trigonometry, Drawing, and Vocal Music. The fees for boarders are from 30 to 36 guineas per annum. Head Master, William Bowser, Trinity College, Dublin, assisted by a staff of 4 resident Masters, and also by 3 visiting Masters.

CLAPHAM, YORK HOUSE MILITARY COLLEGE, CLAPHAM COMMON. The sons of noblemen and gentlemen prepared for the Public Schools, the Universities, the Army and Navy, and the Indian and Home Civil Service. The school year consists of 3 terms, following Eton and the other Public Schools as closely as circumstances permit. Only 12 pupils received, from 14 years of age upwards. Fees for board and tuition, 50 guineas per term; non-resident students, 10 guineas per term; pupils, candidates for Sandhurst, Woolwich, etc., requiring special attention, 20 guineas per month, or 200 guineas per annum. Principals, D. C. McClellan and J. Hammond (Wrangler), Trinity College, Dublin, assisted by 6 Professors and Masters.

\* CLAPHAM COMMON, DURHAM HOUSE SCHOOL. Established 1809. For instruction in English, French, Writing, Geography, History, Arithmetic, Mensuration, Algebra, Euclid, Geometry, Book-keeping, Natural Philosophy, and pupils receive a sound Commercial education. There are 30 boarders and 45 day-boys admitted from 8 years of age upwards. Fees: for boarders, 30 to 33 guineas per annum; for day-scholars 7½ to 9 guineas per annum. Head Master, Robert Stroud, with 3 resident and 6 non-resident assistant Masters.

CLAPHAM COMMON (WEST SIDE), BROOMWOOD, THE GERMAN AND FRENCH COLLEGE. This College, founded in 1836 for a limited number of the sons of gentlemen, and carried on with such great success at Grove House, Clapham Common, has lately been removed to Broomwood (the residence of the late Sir Charles Forbes, Bart., and the birth-place of Samuel Wilberforce, Bishop of Winchester). Besides thorough instruction in Modern Languages, for which this College has so high a reputation, the usual course of study comprehends all subjects under the term "a liberal education," including Animal Physiology, Political Economy, and Shorthand (Pitman's system), in which last subject lessons are given every day. Special preparation for all the Public Examinations. Instruction in military drill sufficient to qualify for entrance into a Volunteer Corps. The pupils are taught to swim, if desired by the parents. The year is divided into 3 terms. Fees: from 40 to 100 guineas per annum. Broomwood is within 15 minutes' walk of Clapham



Junction Station. Principal, the Rev. E. A. Friedländer (author of "The German Grammar simplified in Six Synoptical Tables"); Vice-Principal, C. M. Friedländer, LL.B. Cantab. (his son), and a staff of assistant Masters.

† EAST SHEEN, MORTLAKE, TEMPLE GROVE. A large and high-class school, established many years, for the sons of gentlemen only. The course of instruction includes Classics, Mathematics, Modern Languages, and English course. Pupils are principally prepared for the great Public Schools. Vacations, similar to those at Eton and Harrow. Principal, the Rev. J. E. Edgar, M.A., assisted by 10 resident Masters, chiefly Graduates.

ISLEWORTH. See SPRING GROVE.

KENSINGTON, KENSINGTON FOUNDATION SCHOOL. This school is in union with King's College, London, and was founded as a proprietary school in 1831, re-constituted as a foundation school in 1869. About 140 day-pupils and 20 boarders. The school is a foundation school, open to the nominees of Life Governors, and to other pupils, according to the fixed rate of charges specified below, subject to the approval of the Head Master. The course of education comprises Latin, Greek, English, French, Mathematics, History, and Geography. It is thus adapted to meet the requirements of boys who may be intended for the Universities, for the learned Professions, for the Military and Naval Services, for the Civil Service, and for Business. Greek is not obligatory. An Exhibition or annual sum of 10*l.*, tenable for 3 years at the school, during good behaviour, is offered for competition every year at the Summer Examination. Examinations, followed by distributions of prizes, take place at the end of the summer and winter terms. The holidays are, 4 weeks at Christmas; 6 weeks in Summer; 2 weeks at Easter. Terminal payments for school tuition: for each scholar nominated by a Governor, under 12, 4*l.* 14*s.* 6*d.*; ditto, above 12, 5*l.* 15*s.* 6*d.*; for a scholar not nominated, under 12, 6*l.* 16*s.* 6*d.*; ditto, above 12, 7*l.* 17*s.* 6*d.* Certain terminal fees are extras. Terms for boarding, in addition to the payments for tuition, per annum, at the Head Master's, No. 27, Kensington Square, 60*l.* Visitor, the Right Honourable and Right Reverend the Lord Bishop of London. Head Master, the Rev. G. S. Raynor, M.A., St. John's College, Cambridge, and assistant Masters.

KENSINGTON, S.W., EARL'S COURT, 10, LONGRIDGE ROAD. A limited number of pupils are received, either as resident or non-resident, and are prepared for the Army and other Examinations. The studies are divided into 3 terms annually, of about 13 weeks each term. The fees are 50*l.* a term for resident pupils, and 24*l.* a term for non-resident. Principal, Edmund Samuel Grindle, M.A., late Scholar Queen's College, Oxford, assisted by experienced Tutors in special subjects.

KENSINGTON, EARL'S COURT, 56, PENYWERN ROAD. A limited number of pupils, the sons of gentlemen, are prepared for the Public Schools. The course of instruction includes the usual English subjects, together with Latin, Greek, French, German, and Mathematics. The school year is divided into 3 terms of about 13 weeks each. Prizes

are given at the Midsummer Examinations. The fees for board and tuition are from 75 to 105 guineas per annum. Principal, the Rev. W. H. Bruce, B.A., Cambridge Scholar and Prizeman of his College, assisted by Masters of experience.

\* KENSINGTON, SOUTH, BODLEIAN HOUSE SCHOOL, FOPSTONE ROAD, EARL'S COURT. Established 1876. Preparation for the Public Schools. A kinder-garten class is a special feature of the elementary department. The course comprises English, Arithmetic, Algebra, Latin, and French. Pupils are prepared for King's College, the Oxford and Cambridge Local and other Examinations. Fees: day-scholars, 9 guineas; and boarders, 45*l.* per annum. Education, etc., free during good conduct to any boy being a gentleman's son singing in the choir of S. Augustine's Church, Queensgate. Vacations, at Easter, August, and Christmas, about 10 weeks. Principals, W. and Miss Brooke, A.C.P.

KENSINGTON, SOUTH, 9, HEREFORD SQUARE. This is a preparatory school for little boys, who receive a thorough grounding in English, French, Latin, and Greek. Terms: boarders, 60 guineas per annum; day-pupils, 18 guineas per annum. Principal, Miss Moore.

KENSINGTON, WEST, 4, PELHAM ROAD. Non-resident Militia Officers prepared for the Competitive Examination. Officers must bring the following Instruments and Books:—Philips' Fortifications, Clery's Tactics, Paterson's Surveying, Boughey's Military Law, Drawing Book, Field Book, Sandhurst Protractor, Note Book, Case of Mathematical Instruments, Prismatic Compass, Army Discipline Act 1881. Terms: 2½ guineas per week. Principal, Lieut.-Col. Palmer, late Royal Artillery, formerly Instructor Field Works and Surveying, R.M. Academy, Woolwich, and Aldershot Camp.

EARL'S COURT, 31, EARDLEY CRESCENT. Special classes for Militia officers. Classes are held at the above address for Militia officers preparing for the Military Competitive Examinations. Practical classes for Surveying and Field Sketching. Special Lectures in Law and Tactics. Terms: for resident pupils, 20 guineas; for non-resident pupils, 10 guineas per month. Principal, Captain T. A. Robinson, late Royal Artillery.

NEW WANDSWORTH, ST. JOHN'S HILL HOUSE SCHOOL. The object of the school is to provide a thorough, liberal, and comprehensive Education, with preparation for University and Professional Examinations to about 40 pupils. The school fees are for board, including Tuition, 30, 36, and 42 guineas per annum. Head Master, James Fison, M.A. (London), Fellow of University College.

PIMLICO, MODEL ACADEMY, 28, BESSBOROUGH GARDENS. Established 1855. This establishment receives the sons of Professional and Commercial men as resident or daily pupils. The course of instruction is Commercial, Classical, and Technical. The fees are: day-pupils, 15*s.* 6*d.* to 3 guineas per quarter; boarders, 25 guineas to 40 guineas per annum; foreign boys, 50 guineas. Pupils admitted from 5 to 16 years of age. Examinations annually by the Principal. Vacations: month at Midsummer, ditto at Christmas, and a week at Easter. Principal, John Hall

(London University), assisted by a qualified staff of resident and visiting Masters.

† \* PIMLICO, WESTMINSTER AND PIMLICO SCHOOL, BESSBOROUGH GARDENS. Established 1855. Instruction to 85 boys, all day-pupils, paying 4 to 8 guineas per annum, in English Course, Latin, French, German, and Mathematics. Prepares for University Local and Civil Service Examinations. Vacations, 8 weeks. Principal, J. H. Barber, B.A., and 1 assistant Master.

\* PIMLICO, BELGRAVE COLLEGE, 148, BUCKINGHAM PALACE ROAD. Established 1862. The aim of this school is to impart a sound education to boys of the middle classes, at strictly moderate charges. The scholastic year is divided into 3 terms. Vacations, about 11 weeks. Terms, from 6 to 15 guineas per annum. Principal, G. Christian Mast, M.C.P.

\* PUTNEY, PUTNEY SCHOOL, HIGH STREET. Established 1869. The course of instruction comprises English, Latin, Greek, French, Arithmetic, and Algebra, Euclid, and Vocal Music. Pupils are prepared for the Army, Navy, Civil Service, or the Universities, by special arrangement. There are about 40 pupils in attendance. The fees are from 9 to 15 guineas for day-pupils, and 36 to 48 guineas for boarders. There are no extras of any kind. Principal, Rev. William Tidmarsh, B.A., London, with assistant Masters.

PUTNEY, 10, RAVENNA ROAD. This is a preparatory school for boys. Terms: 45 to 50 guineas per annum, with extras. The year is divided into 3 terms. Principals, Mrs. and Miss Dodd.

PUTNEY, OAKHILL ROAD, BROOKLANDS COLLEGE. This school is intended to afford a first-class Education at a moderate expense. Prominence is given to Modern Languages, Mathematics, and Physical Science, as recommended by the Public School Commission. Fees for boarders, 50 to 60 guineas per annum. Principal, W. Alton Walker, University of London, assisted by resident and visiting Masters.

\* STREATHAM HILL AND ALDERSGATE, LONDON, ROYAL ASYLUM OF S. ANNE'S SOCIETY. Founded 1702. Pupils are prepared for the University Local Examinations, Senior and Junior; Latin and French are also taught. There are in attendance 200 boys and 130 girls. No day-pupils. Educated and maintained free, upon election, presentation, or by purchase. Their parents must have moved in a superior station of life. Admitted between 7 and 12 years of age; remain till 15 years of age. Examinations annually by Syndicate of University of Cambridge, girls in May, boys in June. Vacations: about 6 weeks at Midsummer; about 4 weeks at Christmas. Vacations are optional; children can remain all holidays. This charity has been in operation 170 years. It has benefited upwards of 3,000 children—401 are now under its charge in its Country Asylum and Town School—and 96 are seeking admission at the half-yearly election. Head Master, Baines Hawkins, B.A., London, with 6 resident assistant Masters.

\* STREATHAM COMMON, STREATHAM COLLEGE. The course of education comprises the subjects usually taught at the Public Schools, and ensures a sound education, in accordance with the spirit of the age, at a

moderate cost. The subjects required for a Merchant's Office, for the various Public Examinations, and for all respectable walks in life, are thoroughly taught. Head Master, Rev. W. Hodgson, M.A., late Scholar of S. Catherine's College, Cambridge, with assistant Masters.

\* **STREATHAM SCHOOL, STREATHAM COMMON.** Established 1785. Pupils are prepared for the Public Schools and for the purposes of a general education. The course of instruction comprises the following subjects:—Divinity, History, Geography, Latin, Greek, Mathematics, Natural Science, French, and German. Pupils intended for the Army, Indian Civil Service, or the Universities, are thoroughly grounded in the necessary subjects before passing under the care of special tutors. Inclusive terms: 75 to 80 guineas a year. A special class has been formed for pupils who are intended for the Army, who will be efficiently grounded and prepared. Principal, the Rev. R. C. Lewis, M.A., late Scholar of Jesus College, Oxford, and Graduate in Honours, with a staff of assistant Masters.

**STREATHAM COMMON, EMMANUEL COLLEGE.** Established 1854. This is a high-class school for boys. The course of instruction includes all the subjects which are required to prepare boys for the Public Schools and for Professional life. Fees, 48 to 60 guineas per annum. Principals, C. B. Chegwyn, M.A., and J. Chegwyn, London University, and a resident Graduate, with 5 visiting Masters.

**STREATHAM, HOLMDENE, LEIGHAM COURT ROAD.** A limited number of high-class pupils received and prepared for the Public Schools and the Universities, at 80 guineas under 12 years, and 100 guineas for other pupils, for board and tuition. Principal, G. H. Harvey, M.A., and assistant Masters.

**STREATHAM, SUSSEX HOUSE (FACING TOOTING COMMON).** A preparatory school for the sons of gentlemen. Boys are received between the ages of 7 and 14, and are prepared for the Public and other Schools. The curriculum includes Latin, Mathematics, French, and other subjects. Terms from 50 to 60 guineas per annum for boarders, and there are a few extras. Principal, Miss Gray, who is assisted by a competent resident Tutor and Governesses, with visiting Masters.

**TOOTING COMMON, NEWLANDS (Surrey).** The object of the school is to prepare boys from 7 to 14 years of age for the Public School Scholarship and Entrance Examinations. The subjects of general instruction comprise Religious Teaching, Reading, Spelling, English Grammar, Writing, History, Geography, Arithmetic, Latin, Greek, Mathematics, French, and Drilling. Fees: for boarders under 10 years of age, 90*l.*, over 10 years of age, 105*l.* per annum; for day-boarders under 10 years of age, 50*l.*, over 10 years of age, 55*l.* The following are optional extra charges:—German 2 guineas, Drawing 2 guineas, Music 2½ guineas each term; Riding, to a limited number of pupils, 5 guineas a term. There are 3 terms in the year, commencing the middle of January, the beginning of May, the middle of September. Principal, L. W. Griffith, M.A., Oxford, with assistant Masters, Graduates in Honours of Oxford and Cambridge, and other efficient Tutors.

**TOOTING GRAVENY, FAIRFIELD SCHOOL.** The course of instruction



comprises a thorough grounding in Latin, French, Greek or German, English, Writing, Mathematics, Arithmetic, Book-keeping and Drawing. The fees for boarders (limited to 40) are from 35 to 45 guineas per annum; day-boarders (limited to 20) 18 guineas per annum. Music and Dancing are the only extras. This school has been established since 1820. It is supposed that Thackeray began his education here before going to Charterhouse. He mentions the house in "The Newcomes" thus—"When I was at Mr. Lord's Academy at Tooting." Principal, C. Mullen, with assistant Masters.

**WANDSWORTH COMMON, EMANUEL SCHOOL.** This endowed public school has been recently opened. Boarders pay 30*l.* a year. Liberal education and diet. Swimming-bath, gymnasium, and sanatorium. 140 boys are already entered. Head Master and Chaplain, Rev. A. Towsey, M.A.

**WANDSWORTH COMMON, HALBRAKE SCHOOL.** Established 1862, for the sons of gentlemen. The School is divided into the Upper and the Preparatory. Special pupils are also received. In the Upper School the pupils are prepared for the Universities, the Army, etc., or for Mercantile life. Boarders pay from 45 to 60 guineas, and day-pupils from 9 to 18 guineas. The special pupils pay from 80 to 100 guineas, according to requirements. Principal, Rev. J. Parr, M.A., with assistant Masters.

**WANDSWORTH COMMON, PARK ROAD, HIGHFIELD SCHOOL.** Founded 1872. The course of study is such as to fit a pupil for either a Professional or a Mercantile career. The school is divided primarily into Upper and Lower. The Lower school is preparatory to the Upper, promotions being made twice a year according to individual proficiency. Vacations: two weeks at Easter; six weeks at Midsummer; and four weeks at Christmas. The school year is divided into three terms of nearly equal duration. Fees per annum: boarders from 42 guineas, according to age and attainments; day pupils (Upper school) 12 guineas, (Lower school) 6 and 9 guineas. Head Master, John Henry Hadwen, and assistant Masters.

**WESTBOURNE PLACE, EATON SQUARE, S.W.** Resident and non-resident pupils are specially prepared for the Universities, for the Indian and Home Civil Service (Class I), also for Cooper's Hill, Woolwich, and the other Competitive Examinations, Civil, Military, Legal, etc. Terms: resident pupils, 16 guineas a month; non-resident pupils, 8 guineas a month. Principal, Edmund S. Croke, B.A., Pembroke College, Cambridge. See also Index to Appendix B.

\* **WESTMINSTER, UNITED WESTMINSTER (ENDOWED) SCHOOLS, (3rd grade), ALEXANDRA STREET, VICTORIA STREET.** Under this general title there are now three schools, provided out of the united endowments of certain old hospital schools in Westminster, viz., Emanuel, St. Margaret's, Emery Hill's, and Palmer's Hospitals. The value of these endowments exceeds 4,500*l.*; much of the property is at present unproductive. These schools rank as middle-class, the education being of a superior character to that of Board or National schools, the pupils receiving a sound English education, with the elements of Latin, French, German, and Mathematics, special attention being paid to Natural Science. The schools thus united include Emanuel Hospital, founded by Lady Dacre in 1594; St. Mar-



garet's Hospital, of the Royal Foundation of Charles I.; Palmer's School, founded in 1650; and Hill's Grammar School, founded by Emery Hill in 1708—all these being reconstituted as one school by the scheme of the Endowed Schools Commissioners, the City authorities having a large share in the administration.

I. EMANUEL BOARDING SCHOOL, which is at present temporarily held in the old buildings of Emanuel Hospital, James' Street, Westminster. By an order in Council, 1873, Emanuel School was separated from Emanuel Hospital, placed under a distinct body of Trustees, and provision made for the erection, in the neighbourhood of London, of a Boarding School for 300 boys, of whom 60 should be "Exhibitioners" under the name of "Dacre Scholars" Emanuel Hospital, having been founded by a Lady Dacre, A.D. 1595. The remainder will be charged 25*l.* per annum for their board and education, etc. The present school contains only the 60 free boys, who form the nucleus of the school about to be erected. The school is kept up to the number of 60 as vacancies occur. The boys are of two classes: (1) Orphans, or otherwise in adversity; (2) Exhibitioners competing from the elementary schools of Westminster and Chelsea. Every necessary is provided except clothing, for which a small terminal charge is made. Head Master: the Rev. J. Maskell, A.K.C., London, Master and Chaplain of Emanuel Hospital; Assistant, J. Francis, C.M., of S. John's College, Battersea. Both resident.

II. PALMER AND HILL'S DAY SCHOOL. III. ST. MARGARET'S TECHNICAL DAY SCHOOL. These two schools are practically the upper and lower divisions of a middle-class day-school for about 600 boys, since they both occupy one site, and are at present under the superintendence of one master. They have been recently erected on land formerly belonging to Emanuel Hospital, in Palace Street, Westminster, and are in many respects model schools of their kind. The fees are 3*l.* in the lower and 4*l.* in the upper division; books, 10*s.* per annum. In each school the arrangements as to the number and the qualifications for free scholarships are similar to those of the Emanuel School. Provision is made for helping deserving boys to the Universities or to other schools, and boys are prepared for the Civil Service, Oxford Local, and other Examinations. Head Master, Robert E. H. Goffin; and thirteen assistant Masters all non-resident. Secretary to the Governors of the United Westminster Schools, C. Spencer Smith, Palace Street, Westminster.

WESTMINSTER, BLUE COAT SCHOOL. This is a free day-school, it was founded in 1688, held in an ancient building in St. James's Street, Victoria Street. It is supported partly by voluntary subscriptions and partly by surplus subscriptions of past years, invested in the funds, and producing about 210*l.* per annum. The education is of a superior character to that of the ordinary free or parochial schools, and vacancies are much sought after. Clothing, in addition to the free education, is awarded to 45 deserving children. Head Master, Mr. Sarsons.

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## LONDON, W.

\* **ACTON, ACTON COLLEGIATE SCHOOL.** Established 1864. The curriculum includes Mathematics, Languages—English, French, German, and Latin, English in all its branches, Science. The year is divided into 3 terms. Vacations, 10 weeks. Pupils from this school have been particularly successful in passing at the University and other Examinations. Inclusive terms: boarders, 42 guineas per annum; daily pupils, 12 guineas per annum. Principal, H. M. Coules, with assistant Masters.

**ACTON, CROMARTIE HOUSE, THE AVENUE.** In this school there are two departments, lower and upper. The subjects of instruction in the Lower Department are for pupils under 8 years of age, and in the Upper Department for pupils up to 18. Terms for boarders, 25 to 30 guineas per annum. The school year is divided into 3 terms. Principal, Charles Miller, with assistant Masters.

\* **BAYSWATER, 18 AND 20, CHEPSTOW VILLAS, WEST LONDON COLLEGIATE SCHOOL.** Is in union with the College of Preceptors. A thoroughly sound and practical education is given at this school, fitting pupils for Professional or Commercial life. Principal, John King, with several assistant Masters.

**BAYSWATER, 11, ORME SQUARE.** Day and boarding school for young boys. Instruction is given in all branches of the English Language, together with Latin, Greek, French, and Drawing. Vacations, 13 weeks. Terms: from 40*l.* to 50*l.* per annum. Principal, the Rev. E. S. Morgan, B.A., with assistant Masters.

**BAYSWATER, 84, KENSINGTON GARDENS SQUARE, W.** Private or Class Preparation, and Coaching, Class-Lecturing or Examining in Classics, Mathematics, English, Political Economy, Roman and English Law, French, Science, etc. Experienced and successful in preparing candidates for Oxford and Cambridge, Public Schools, Army, Navy, Civil Service, Law, and other Examinations. Peregrine Lewes, M.A., LL.M. Cantab, F.G.S., and of the Inner Temple.

**BAYSWATER, PREPARATORY SCHOOL FOR BOYS, 14, PEMBRIDGE CRESCENT.** The course of instruction comprises a sound and accurate knowledge of the elements of Latin and French, and the usual rudiments of an English education. The year is divided into 3 terms. Terms: for boarders, from 50 to 54 guineas per annum; day-boarders, from 27 to 30 guineas per annum. Principals, the Misses Manfred.

**BAYSWATER, 90, KENSINGTON PARK ROAD, ADJOINING S. PETER'S CHURCH.** Pupils are successfully prepared for the Universities, Indian Civil Service, Woolwich, Army, Cooper's Hill Engineering College, and other Examinations. There is a small but completely furnished laboratory for Practical Chemistry. Terms: resident pupils, with private room, 150*l.* to 200*l.* per annum; non-resident, 4*l.* to 10*l.* per month. Principal, T. H. Watkins, M.A., Graduate in Honours, and late Scholar of Christ's College, Cambridge, with a staff of competent Professors.

**BAYSWATER, THE DORECK COLLEGE, 63, KENSINGTON GARDENS SQUARE.** Careful education of boys to the age of 12 or 13, with instruction adapted in all respects to the present requirements of Public Schools, and embraces a thorough grounding in English, French, Latin, and Greek, together with Drill and Singing. In accordance with the fundamental principles of the Kindergarten system, which pervade the work in all departments of this college, the utmost pains is taken to make the school routine a means of real education and natural development by the gradual method of transition from Kindergarten work to the work of the boys' school. The school year is divided into three terms. Books, stationery, and the special accommodation for day-boarders are the only extras. Terms for day-pupils, 10 to 30 guineas per annum. A few boarders are received; the terms for board being 45 guineas per annum. Principals, Miss M. E. Bailey and Fräulein Neuhofer.

\* **BAYSWATER, 65 AND 66, KENSINGTON GARDENS SQUARE.** School for young gentlemen. Terms: board and general instruction, 90 guineas; day-pupils, 45 guineas; Latin, 2 guineas per annum. The year is divided into 3 terms. Principals, the Misses A. and R. Leech.

**BERNERS COLLEGE OF EXPERIMENTAL SCIENCE.** See page 578.

\* **CAMBRIDGE STREET, ARCHBISHOP TENISON'S COMMERCIAL SCHOOL, GOLDEN SQUARE.** Founded 1685. The endowment is for a chapel in Regent Street, as well as school. Instruction to about 80 boys, of whom 40, who are natives of the parish of S. James's, and presented by the Trustees, are free to English and Mathematical course; the rest paying 2*l.* 10*s.* each per annum. Head Master, vacant.

**EALING, CASTLEBAR COURT.** Special preparation for Woolwich and the Line, the Control, Cooper's Hill Engineering College, and the Indian Civil Service, and the Universities, to 12 boarders between 16 and 21 years of age, paying 140 guineas per annum. Subjects: English in all its branches, Mathematics, Drawing, the Latin and Greek Classics, French, German, Italian, Spanish, Arabic, and Sanscrit, Natural and Experimental Sciences, and the Moral Sciences. The year is divided into 3 terms. Principal, the Rev. Charles J. Hughes, M.A., LL.D., Wrangler, with a staff of assistant Masters. See also Index to Appendix B.

† **EALING, BYRON HOUSE SCHOOL, THE PARK.** Instruction in English generally, Mathematics, French, Latin, Physical Science, etc. Annual charges: for boarders, from 20*l.* to 25*l.* (for English only). Principal, Charles Atlee, M.C.P., F.R.G.S., assisted by English and Foreign resident Masters.

**EALING, NO. 7 AND 8, THE PARK.** Established 1860. Specially designed for preparing delicate children for Public Schools, or for continuing education of boys who from various causes may have failed at Public Schools. Course of instruction the same as in the large Public Schools. School fees: boarders, 60 to 75 guineas per annum, according to age; day-boarders, 25 guineas per annum; day-scholars, 15 guineas per annum. Examinations at midsummer, by University Graduates. Vacations, 13 weeks in the year. Head Master, H. W. Salter, M.A.

**EALING, EALING COLLEGE.** Established upwards of 60 years. Entirely new premises have been erected, designed to meet all modern educational requirements for the accommodation of 50 boarders and 150 day-pupils. At this Institution, a first-class Public School education is imparted at a very moderate and inclusive cost, to the sons of professional and city men. All branches of English and Mathematics, Pitman's Shorthand and Foreign Languages. Special attention bestowed on French and German by Foreign Professors. Physical Sciences and Drawing as prescribed by Science and Art Department. Pupils sent in every year for matriculation at the Universities of Oxford, Cambridge, or London, and for the Cambridge Local Examinations and College of Preceptors. The school is divided into three divisions—Upper, Middle, and Lower. Terms: 40 to 60 guineas per annum for boarders; day-pupils, from 9 to 15 guineas per annum, inclusive fees. Principal, Charles Taylor, F.R.G.S., M.C.P., assisted by experienced resident and visiting Masters.

\* **EALING, DEANERY, MIDDLE CLASS COLLEGIATE SCHOOL.** Established 1864. Preparation for Universities, for University Local Examinations, etc., to 60 boys, of whom boarders pay 30*l.* to 35*l.*; day-pupils, 4*l.* to 8*l.* per annum. Head Master, the Rev. H. G. Hayden, M.A., 2 resident, and 2 non-resident Masters.

**EALING, 5, NETLEY VILLAS.** Only a limited number of young pupils received, from the age of 4 to 12, to board and educate. Terms: for boarders, 40 guineas per annum. Principal, Mrs. R. B. Stranack, assisted by a competent resident English Governess and Masters.

**EALING, CASTLE HILL, HARROW VIEW.** The course of study is intended to be mainly such as is required in preparation for the Public Schools. Instruction is given in Classics, Mathematics, French, German, English, and other studies. The terms for boarders are from 70 to 80 guineas per annum, and for day-scholars 18 to 30 guineas per annum. Only a limited number of pupils are received. Principal, J. H. Young, M.A., of Exeter College, Oxford, with a resident assistant Master.

**EALING, 54, WINDSOR ROAD.** Preparatory school. Boys from 5 to 12 years of age prepared for any of the Public Schools. Vacations, 12 weeks. Terms for tuition in English, French, and Latin: boarders, from 40 to 45 guineas; day-boarders, 20 guineas; daily pupils, 10 guineas. Principals, the Misses Sharples (daughters of the Rev. J. H. Sharples, M.A., late Master of the Heversham Grammar School).

**EALING, ROCHESTER HOUSE.** Pupils are prepared for the Military, Civil Service, and other Examinations upon the usual terms. Principal, W. C. Northcott.

**EALING, CASTLE HILL SCHOOL.** This is a high-class preparatory school for our great Public Schools. Principal, Rev. O. D. Perrott, M.A.

**EALING, GREAT EALING SCHOOL.** The school is healthily situated on gravel soil, and is surrounded by six acres of land, comprising extensive cricket fields, playground, and orchards. The system of instruction is mainly based upon the proposed ultimate vocation of the pupil. Boys are prepared for the Oxford and Cambridge Local Examinations, the Preliminary Examinations of the Incorporated Law Society and College

of Surgeons, and for the Matriculation and Degrees of the University of London. Vacations are granted at Easter, three weeks; Midsummer, about five weeks; and Christmas, three weeks. Protracted holidays are thus avoided. The fees for the scholastic year are payable quarterly—viz., Boys under 10 years, 80 guineas per annum; boys between 10 and 14, 100 guineas per annum. Principal, Rev. John Chapman, assisted by a qualified staff of visiting and resident Masters.

GLOUCESTER TERRACE SCHOOL, 30, GLOUCESTER TERRACE, HYDE PARK, W. A high-class day-school of about 20 boys, who are prepared for the Public Schools or the Liberal Professions. The pupils receive careful individual attention, and a thorough grounding in English, Classics, Mathematics, and French; as well as being carried on in those subjects, as far as their age allows. The school-year is divided into 3 terms. Principal, Charles Topham, B.A., assisted by non-resident Masters.

GROSVENOR SQUARE, 14, MOUNT STREET. Pupils carefully prepared for Woolwich, First Commission in the Army, the Open Scholarships at the Universities, and the Home and Indian Civil Service. Terms: 7*l.* 7*s.* per month. Principal, W. J. Curran Sharp, M.A., Scholar, Double Senior Moderator, and Bishop Law's Prizeman of Trinity College, Dublin, and formerly of S. John's College, Cambridge.

\* HAMMERSMITH, GODOLPHIN SCHOOL. Founded in 1703, but not established till 1856. Endowment, 790*l.*, with house and grounds. The education is that of a first-grade classical school with a modern side—Classics, French, German, Chemistry, Mathematics, Précis, Book-keeping, etc. Preparation for Universities, etc. Average number of pupils, 180. Fees: for day-boys, 10*l.*; boarders, 60*l.* to 65*l.* There are 30 Foundation Scholarships, tenable for 5 years; Exhibitions to Oxford or Cambridge; 4 of 40*l.* a year for 3 years, 1 of 15*l.*, tenable for 3 years, 1 of 30*l.* for 2 years, tenable at the Hospital, etc. School Examiners from Universities. Vacations, 12 weeks; 3 terms system. 33 certificates, 17 in honours, had been obtained by the pupils at the University Locals up to 1873. Head Master, the Rev. Prebendary R. H. Morris, M.A., and 8 assistant Masters, 3 non-resident.

† HAMMERSMITH, ZERO HOUSE SCHOOL, GREAT CHURCH LANE, *near* THE BROADWAY. Terms: for day-pupils, from 4 to 5 guineas per annum. Vacations, 10 weeks in the year. Principal, Francis Munden, with assistant Masters.

HANWELL, MANOR COURT. This military school was formerly conducted by Dr. Laumann and Mr. Elderton at Parson's Green, Fulham. A thorough course of instruction given to students who are preparing to pass the various Army Examinations, and for admission to the Indian Civil Engineering College at Cooper's Hill. The terms for board and tuition are 150 guineas per annum. Principal, W. A. Elderton, Wrangler, late Scholar Corpus Christi, Cambridge, assisted by resident and other Masters. See also Index to Appendix B.

HOUNSLOW. See letter H., HOUNSLOW (*Middlesex*).



**HOUNSLOW, SYDNEY HOUSE COLLEGIATE SCHOOL.** A limited number of pupils are prepared for the Army, the Public Schools, the Civil Service, and Professional life. The terms for boarders are from 30 to 50 guineas a year, including tuition. Principal, E. D. Price, with assistant Masters.

**HYDE PARK, W., 76, CAMBRIDGE TERRACE, S. MICHAEL'S CHOIR COLLEGE.** Terms, 20 guineas per annum. Aim, to give a sound English education on Church of England principles. Boys of more than 8 years of age, with fairly good voices, are eligible. Principal, Rev. G. F. Prescott, M.A., Vicar of SS. Michael and All Angels', Paddington; assistant Master, S. Kesson.

**HYDE PARK, S. JOHN'S COLLEGE.** 41, 42, 43, MOSCOW ROAD, CORNER OF PEMBRIDGE SQUARE. The subjects taught comprise Classics, Mathematics, Science, Drawing, etc., besides a thorough English education, with Modern Languages. The year is divided into 3 terms. Fees: for boarders, 90 to 120 guineas per annum; for day-scholars, 20 to 24 guineas per annum. Principal, the Rev. Charles Baker, with a staff of qualified assistant Masters.

\* **HYDE PARK, HYDE PARK COLLEGIATE SCHOOL,** 123, EDGEWARE ROAD. In union with the Royal College of Preceptors. Established 1820. This school affords an English education, French, Latin, Greek, Italian, German, and Mathematics. About 55 pupils in attendance. Examinations at Midsummer and Christmas by the Royal College of Preceptors and Oxford and Cambridge Locals, and Matriculation of London University. Vacations, 9 weeks. Principal, T. L. Peak, B.A., with assistant Masters.

**HYDE PARK, 57, CAMBRIDGE STREET.** Boys, between the ages of 8 and 15, are prepared for the Entrance and Scholarship Examinations at Eton, Harrow, and the other Public Schools. The year is divided into three terms, which correspond, as nearly as possible, with those of Eton and Harrow. The charge for Tuition is 45*l.*, and for day boarders 60*l.* a year. French, 6 guineas a year extra. A few boarders are received—the charge, inclusive of Tuition, being 135*l.* a year. Pupils are also prepared for the Matriculation Examinations at the Universities, as well as for the Bar and for other Examinations. Principal, R. de C. Welch.

**KENSINGTON, ADDISON GARDENS SCHOOL,** 26, ADDISON GARDENS, SOUTH. Day-pupils, boys from 7 to 16 years of age, are received. The fee is, for a boy, 8 guineas per annum. Principal, Frederick Nash.

**KENSINGTON, W., 49, CAMBRIDGE GARDENS.** Select preparatory school for boys. A limited number of pupils are prepared for Public and Private Schools. The year is divided into 3 terms, and the system of instruction includes the usual course of an English education, especial attention being paid to Arithmetic and Grammar, with thorough grounding in the elements of Latin and French. Terms per annum: under 8 years of age, 54 guineas; above that age, 60 guineas. Principal, Mrs. Albert Holmes.

**KENSINGTON PARK, 97, LANSDOWNE ROAD. ARMY EDUCATION.** This Army School is conducted by J. W. Barry (late 3rd Hussars), with a competent staff of Tutors.

**KENSINGTON, 91, CROMWELL ROAD.** A day school for boys between the ages of 7 and 13, to prepare boys for the Public Schools. The lessons are short and varied, so that the boys' interest may be constantly maintained without mental fatigue. Fees from 27 to 30 guineas per annum. Principal, Francis C. Turner, B.A., assisted by well-qualified Masters.

**KENSINGTON, 14, OBSERVATORY AVENUE.** Militia officers prepared for the Military Competitive, also officers for Promotion and other Military Examinations. Principal, Lieutenant-Colonel G. M. Cardew.

**KENSINGTON, 24, ST. MARY ABBOTT'S TERRACE, near ADDISON ROAD STATION.** Special preparation for the Civil Service of India, the higher division of the Home Civil Service, Student Interpreters in China, Japan, and Constantinople, the Royal Military College, Sandhurst, the Royal Military Academy, Woolwich, Militia Candidates', and Queen's Cadets' Qualifying Examinations. The fees range from 4 guineas per month, or from 40 to 60 guineas until successful in passing any examination. Also preparation for Matriculation and 1st B.A. Examinations at the London University. Fees per month, 2 guineas, or 15 guineas until successful. Principals, Alfred Ormond, Henry Weir, M.A., Cambridge, assisted by qualified Tutors.

**MAIDA VALE, 70 AND 72, ELGIN ROAD.** Preparatory school for boys. The course of study comprises [the Holy Scripture, English in all its branches, History, and Geography, Arithmetic, Euclid, and Algebra, Latin, French, and German, Music and Singing, Elocution, and Drawing. The scholastic year is divided into three terms, viz., Lent, Easter, and Michaelmas. Fees from 30 guineas per annum, which include the use of books and stationery. Principal, Mrs. Frederick J. Jones and the Misses Jones.

**NORTHWICK TERRACE, 16, NORTHWICK COLLEGE, MAIDA HILL.** This college was established in 1863, to afford high-class education to young gentlemen of the Jewish persuasion. The course of study includes Classics and Mathematics, the Hebrew, French, and German Languages, and all the ordinary branches of a sound English education. Pupils have successfully passed at the Matriculation and B.A. Examinations of the London University, Apothecaries' Hall, and Incorporated Law Society, etc. Principal, Rev. A. P. Mendes, with a staff of assistant Masters.

**NOTTING HILL, 37, CAMBRIDGE GARDENS.** Resident and non-resident candidates are prepared successfully for Woolwich, Direct Commissions, and the Indian Civil Engineering College, Cooper's Hill. Fees: resident, per term (3 calendar months), 45 guineas; per week,  $3\frac{1}{2}$  guineas. Non-resident, per term, 25 guineas; per week, 2 guineas. Subjects: Classics, Mathematics, Natural Science, Experimental Science, English History and Literature, French, German, Geometrical and Free-hand Drawing. Principal, D. C. Feeny, B.A., assisted by Major Poste, M.A., late Instructor at the School of Musketry, Hythe, with 9 qualified assistant Masters. See also Index to Appendix B.

**NOTTING HILL, 107, LANSDOWNE ROAD.** Special Preparation for the Matriculation and 1st B.A. Examinations of London University. 11 pupils now reading for Matriculation, and 3 for the 1st B.A. Wm. Nicolle, M.A., 1st D.Lit., London.

NOTTING HILL, ADDISON HOUSE SCHOOL, 32, PORTLAND ROAD. Established 1870. The school course is conducted as nearly as possible on the system at Christ's Hospital, and comprises Arithmetic, English Language and Literature, Algebra, Geometry, Mensuration, Elementary Science and Philosophy, Class Singing, Latin, and French. The school year is divided into quarters, and the holidays are fixed at about 2 months. Average number of pupils, 20. Terms: 2 guineas per quarter. Principal, F. Glanville Richards, assisted by competent Masters.

NOTTING HILL, 119, CAMBRIDGE GARDENS. Non-resident candidates are prepared for the University of London, Civil Service, Woolwich, Sandhurst, and other Public Examinations. The year is divided into 3 terms. The fees are 25*l.* a term. Principal, Dr. R. H. Jude, D.Sc., London, M.A., Cantab., late Scholar and Prizeman of Caius College.

\* NOTTING HILL, S. MICHAEL'S COLLEGE, 5 AND 7, OXFORD GARDENS, *late* ALL SAINTS' GRAMMAR SCHOOL. Established 1855. Boys are prepared for the Public Schools, the Legal and Medical Professions, and the Civil Service. The course of instruction embraces Latin and Greek, French and German, English in all its branches, Euclid, Algebra, and Arithmetic, Music, and Drawing. Average number of pupils, 50. The school year is divided into 3 terms. Vacations, 12 weeks. Fees: daily pupils, 15 guineas per annum; boarders, 60 guineas per annum. Boys from this school now hold Scholarships at Eton, Westminster, Merchant Taylors, and Clifton. Head Master, the Rev. J. P. Griffith, B.A., Oxon, with a staff of assistant Masters.

\* NOTTING HILL, LINTON HOUSE SCHOOL, 10, HOLLAND PARK TERRACE, *late* LANSDOWNE CRESCENT. Thorough instruction is given in English in all its branches, Latin, Greek, French, German, Arithmetic, Algebra, Geometry, and Natural Sciences. The school consists of two departments, and prepares boys for the Public Schools and the Universities, or for Commercial life. Preparation for the University Local or other Examinations. The school year is divided into 3 terms. Vacations, 12 weeks. Fees: yearly boarders, 80 to 90 guineas per annum; day-pupils, 25 to 30 guineas per annum. Principal, J. Hardie, M.A., with assistant Masters. See also Index to Appendix A.

\* NOTTING HILL, ARGYLL COLLEGE, 52, NOTTING HILL SQUARE, AND 16, HOLLAND PARK TERRACE. Established 1859. During the past twenty years a large number of pupils have annually passed the various competitive examinations, and candidates are prepared for Woolwich, Sandhurst, London Matriculation, the Legal and Medical and other Professions. The fees for special classes are 100 guineas per annum (inclusive) for resident pupils, and 5 guineas per month for non-resident. The fees for ordinary classes for day-pupils range from 12 to 18 guineas per annum; and the boarders' fees 60 guineas under 12, over 12, 80 guineas per annum. The Lent term begins in January, Easter term in April, Michaelmas term in September. Principal, Cornelius Sutton, F.S.A., with the assistance of a staff of resident and visiting Masters.

NOTTING HILL, 14, COLVILLE TERRACE. Resident and non-resident pupils are prepared for Cambridge, or for the Examinations of the University of London. Terms: for residents, 12 to 16 guineas per month. Private tuition given in Mathematics. Classes are formed specially for

the Matriculation, and First B.A. Examinations, London. Bion Reynolds, M.A., Camb. and Lond., Wrangler (1874), S. John's College, Cambridge.

NOTTING HILL, POWIS SQUARE, No. 2, 3, 4, 5, 6, 7. Candidates, resident and non-resident, are successfully prepared for the Competitive Examinations for admission into the India, Home, and Ceylon Civil Services, Woolwich, Sandhurst, the India Woods and Forest Department, and for University Scholarships. The most experienced teachers are engaged for all the subjects required by the regulations for the various Examinations. The fees are calculated at the rate of 3*l.* per week for non-residents, and 6*l.* per week for resident pupils. Principals, Walter Wren, M.A., Christ College, Cambridge, and the Rev. H. P. Gurney, M.A., Senior Fellow of Clare College, Cambridge, with a large staff of Lecturers and Teachers.

PADDINGTON, S. AMBROSE CHOIR COLLEGE, 35, DELAMERE TERRACE, HARROW ROAD. This school is established for the sons of clergymen and gentlemen, who possess a good voice and ear. They receive a good education under a resident Warden and assistant Masters, and are trained to sing in the choir of the Church of S. Mary Magdalene, Paddington. The terms are 20 guineas, and the age of admission varies from 7 to 14. Warden, the Rev. Richard Temple West, M.A., Student of Christ Church, Oxford.

PADDINGTON, THE WEST LONDON COLLEGE (LATE PADDINGTON GRAMMAR SCHOOL), WARWICK HOUSE, 1, WARWICK ROAD, MAIDA VALE. The object of this school is to provide for the sons of gentlemen, from the age of 6 years to 15, a sound education, similar in tone and character to that of our first-grade schools, but more economical, and better adapted to the requirements of modern times. It is divided into an upper and lower school. The school year is divided into 3 equal terms. Vacations, 13 weeks. Average number of day-pupils, 75. Fees: from 18 to 24 guineas per annum; boarders, from 70 to 100 guineas per annum. Head Master, the Rev. W. Boyce, M.A., Trinity College, Cambridge, with assistant Masters.

PADDINGTON, WARRINGTON HOUSE COLLEGE, 34, WARRINGTON CRESCENT, MAIDA HILL. The plan of this school is to furnish a sound education for the sons of gentlemen, and to fit them for the Universities, the Public Schools, for Professional life, or for business pursuits. The curriculum of study includes English in all its branches, Religion, Scripture, Classics, Mathematics, French, German, and Natural Science. Gymnastics and Swimming also enter into the course. The school year divides into 3 terms. Fees: day pupils, 12 to 15 guineas; day boarders, 30*l.* to 35*l.*; boarders, 50 to 60 guineas. Head Master, G. W. Gilmour, late Head Master of the Grammar School, Hoddesdon, Herts, who is assisted by a competent staff of assistant Masters.

PORCHESTER ROAD, WESTBOURNE PARK INSTITUTE. Evening classes are conducted in the following subjects:—Building Construction and Geometrical Drawing, Inorganic Chemistry, Choral Association, Electro-Metallurgy, English Grammar and Composition, French, Experimental Physics, Latin, Photography, Shorthand, and German. The fees per course or term range from 3*s.* to 10*s.* for each subject. Prizes:—The



Classes in Geometrical Drawing, Building Construction, Inorganic Chemistry, and Experimental Physics, are examined in May by the Science and Art Department, and an unlimited number of Queen's Prizes are awarded. English, French, German, Latin, and Shorthand. During the Summer Term examinations are held in each of these classes having upwards of 6 students, and Prizes are awarded by the Westbourne Park Institute; intending competitors must make at least 10 attendances. One of the Royal Free Studentships of the Normal School of Science, 6 only of which are awarded annually, and are competed for throughout the United Kingdom, was obtained by a Student of this Institute. President, John Clifford, M.A., LL.B., B.Sc.

UPPER GLOUCESTER PLACE, 80, PORTMAN SQUARE. Establishment for preparation for the Civil Service, the Army, and the Universities. It offers rare advantages for the study of Modern Languages and Sciences. Principal, Dr. Heinemann, F.R.G.S., Professor at the Crystal Palace School of Art, assisted by a staff of eminent Tutors.

S. PETER'S PARK, 36, CHIPPENHAM ROAD, BAYSWATER. Preparatory school for boys. The course of instruction comprises the usual branches of an English education, with Music, Latin, Drawing, and Dancing. The scholastic year is divided into 3 terms: January 10 to April 25, April 26 to August 8, September 5 to December 19. Terms: 30 guineas per annum; weekly boarders, 24 guineas; day-pupils, 6 guineas per annum. Vacations, 8 weeks in the year. Principals, the Misses Delay.

\* † SHEPHERD'S BUSH, ADELAIDE COLLEGE, 60, CONYNGHAM ROAD. Established 1865. Principal, W. P. Bonwick, assisted by 2 resident Masters.

SHIRLAND GARDENS, MAIDA VALE, W. Preparatory school for little boys, under separate teachers. Vacations, 12 weeks in the year. School fees (inclusive of school course): for pupils under 10 years of age, 3 guineas per term; over 10, and under 13, 4 guineas per term; day-boarders (extra), four guineas per term. Principal, Miss Cole, assisted by a carefully selected staff of Teachers.

SINCLAIR ROAD, 37 & 39, ADDISON ROAD STATION. Pupils prepared for Sandhurst and Woolwich, and the first Examination for Subalterns of Militia. The Principal has been exceptionally successful for Sandhurst, and none have ever failed for the Militia Examination. Terms: for non-resident Pupils, 10 guineas monthly; for resident Pupils, 20 guineas monthly. These terms are inclusive. Pupils may join at any time, for a shorter or longer period, and work is continued throughout the year. Principal, F. T. Lawrence, Barrister-at-Law, formerly one of the Assistant Masters in Wellington College and in Rugby School, with the aid of a competent staff. See also Index to Appendix B.

WESTBOURNE SQUARE, 29, DELAMERE CRESCENT. Candidates prepared for the Universities, Civil Service, Woolwich, the Line, Cooper's Hill, the Preliminary, Intermediate, and Final Law Examinations, Call to the Bar, the Preliminary Membership and Fellowship Examinations of the Royal College of Surgeons, Public Schools, in the following subjects:—Classics, English History, Language, and Literature; French, German,



Geometrical Drawing; Natural Sciences: Zoology, Botany; Chemistry and Heat; Jurisprudence, International Law, and other Legal subjects, Political Economy, Book-keeping. The fees are moderate. Principals, W. F. A. Wilson, M.A. (Oxon), F.S.A., Classical and Mathematical Honours, and A. E. Quekett, M.A. (Oxon), Classical Honours.

UXBRIDGE ROAD, 241, THE COLLEGIATE SCHOOL, CARLTON HOUSE. The School course consists of Scripture History, the Latin and French Languages, Arithmetic and Elementary Mathematics, English Grammar, History, Geography, both Physical and Political; and the Elementary Subjects of Reading, Spelling, and Writing. Tuition fees, 6 to 12 guineas per annum. Principal, Thomas D. Wilcox, B.A., University College, London.

WARWICK ROAD, 121, SUTHERLAND GARDENS. The younger sons of gentlemen receive the groundwork of education, fitting them for the Public Schools, upon a system which has been most successful; and approved by some of the most able educators of the day, when former pupils have entered Rugby, Winchester, and Marlborough. Tuition fees: 6 to 8 guineas per annum. Principals, The Misses Cross.

WESTBOURNE PARK, 50, CORNWALL ROAD. Special preparation is given for the competitive examinations for the R.M. Academy, Woolwich, and for the R.M. College, Sandhurst, to resident and non-resident pupils. At the last two examinations of lieutenants of militia, all sent in passed. Subjects: Classics and Mathematics, English History and Literature, French, German, Drawing, Geometrical and Freehand, Geology, Electricity, Chemistry. Terms, including all tuition: resident pupils, 16 guineas a month; non-resident pupils, 9 guineas a month. Principal, Morgan Jenkins, M.A. (Wrangler), who has a staff of eight assistant Tutors.

WESTERN PARK, WILLESDEN COLLEGE, 85, LANCASTER ROAD. Pupils are prepared for the Medical, Military, and Civil Service Examinations. Tuition fees, 5 to 8 guineas per annum. Principal, Louis Fry, University of London.

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## LONDON, W.C.

UNIVERSITY COLLEGE AND UNIVERSITY COLLEGE SCHOOL, GOWER STREET, W.C. The particulars of University College Hospital will be found at page 443 in Part V., and University College School at page 192, Part IV.

KING'S COLLEGE, STRAND. See page 199, Part III.

KING'S COLLEGE SCHOOL, STRAND. See page 202, Part III.

FLEET STREET, STATIONERS' SCHOOL, BOLT COURT. This school was established by the Stationers' Company in 1858. Sons of Liverymen and Freemen of Company are entitled to priority of admission in the order of their application, as well as to the benefits of the foundation.

The curriculum of studies comprises all the branches of a thoroughly liberal education, including Classics, Modern Languages, and Science. The fees are 7*l.* to 8*l.* per annum. There are various Scholarships and Prizes, viz. :—Edmund Hodgson's Scholarship of 20*l.*, with free education, tenable for 4 years at any University; three Thomas Brown's Scholarships of 20*l.* each; two Charles Knight's Scholarships of 20*l.* each, tenable on the same conditions. It would occupy too much space to give the various prizes in detail. Head Master, H. Chettle, M.A., with a staff of assistant Masters.

GREAT ORMOND STREET, 45, WORKING MEN'S COLLEGE. Founded 1854. Education in Classics, Modern Languages, Mathematics, Physical Science, History, Art, etc. The students are, for the most part, working men; and the teachers are, in general, members of the Universities and of different Professions, or those who have themselves been students in the College. Its purpose is to unite these classes together, by associating them in the common work of teaching and learning. It provides instruction in Latin, Greek, French, Spanish, Italian, German, Mathematics, Physical Science, Art, etc., at the smallest possible cost, to about 300 students (the teaching being almost wholly unpaid), in the subjects with which it most concerns English citizens to be acquainted, and thus tries to place a liberal education within the reach of working men. Students must be above 16 years of age. They must be able to read and write, or must go to the Adult School in the College, paying 2*s.* per month, to qualify themselves for the College classes. Students can join the College at any time, but the regular time of entering the classes is the beginning of the College year—about the middle of October. In some subjects elementary classes are also formed at the beginning of the third term—early in March. The College year consists of 4 regular terms from 8 to 11 weeks each. Vacations: 2 weeks at Christmas; 1 at Easter; and 6 in the autumn. At entrance, each student pays a fee of 1*s.* 6*d.* Each class is entered and paid for separately, at the rate of 1*s.* to 6*s.* each per term, with the exception of the Art Department. Examinations are held in June each year by University Professors appointed by the Council. New rooms have been erected, and special fees are charged according to the class taken by the student in this section. Principal, Sir John Lubbock, M.P., F.R.S., Vice-Principal, C. Crawley, assisted by about 20 Teachers and Lecturers. Secretary, H. R. Jennings. The South London Working Men's College, opened by Professor Huxley, is established on the same plan.

GREAT ORMOND STREET, 45, INTERNATIONAL COLLEGIATE SCHOOL. Established 1870. This establishment is carried on in the extensive buildings of the Working Men's College, and is intended to meet the growing wants of this populous district by providing a system of instruction based on religious principles, at once thorough and economical, uniting the methods of English schools with those of Germany and France. Instruction in Classics, Mathematics, French, German, English, Drawing, etc. Day-pupils only. The school is divided into Senior and Junior departments. Fees: 5 to 15 guineas per annum. Public Examinations annually. Vacations, about 10 weeks. Principal, Rev. J. L. Bere, B.A., and assistant Masters.

GRAY'S INN ROAD, S. BARTHOLOMEW'S GRAMMAR SCHOOL. Esta-

blished 1851. Instruction in Classics, French, Mathematics, and English course, to 70 boys, all day-scholars, at from 4*l.* to 6*l.* per annum. Examinations at College of Preceptors and University Middle Class. Vacations 2½ months. Head Master, W. W. Richardson, and assistant Masters.

GORDON SQUARE, 17 GORDON STREET. A limited number of pupils, either resident or non-resident, prepared for the Army, Control, and Civil Service Examinations. Principal, E. W. John, assisted by visiting Masters.

GARRICK STREET, 19, GARRICK CHAMBERS. Pupils are prepared most successfully for the Indian Civil Service, Indian Engineering College, the Colonial Civil Service, and the superior offices of the English Civil Service. The work is conducted partly by Lecturers, but chiefly by special tuition in small classes. Every facility is afforded for efficient and practical teaching in the various branches of Natural Science. A small Laboratory for Chemistry, and also a Laboratory, with the necessary apparatus, for the department of Electricity and Magnetism. Apart from the Lecture rooms, but immediately joining the Garrick Chambers, a club library has been formed containing 1,000 books of reference in all departments of General Literature, History, and Science. The hours of attendance are from 10 a.m. to 5.30 p.m., subject to a break of 1 hour for luncheon. All pupils are non-resident. Terms: 110*l.* per annum. There are 3 terms in the year, each term averaging 13 weeks. Principal, W. Baptiste Scoones, assisted by a large staff of Professors and visiting Masters.

HOLBORN, 17, BARTLETT'S BUILDINGS. Candidates prepared in all branches of the Natural and Experimental Sciences, for the Examinations at the Universities of London, Cambridge, and Oxford; Indian Civil Service; Engineering College, Cooper's Hill, etc. Principal, Dr. Maybury.

† LEICESTER SQUARE, ARCHBISHOP TENISON'S GRAMMAR SCHOOL (2*nd grade*), CASTLE STREET, LEICESTER SQUARE. Founded 1684. Endowment, about 70*l.* per annum. Instruction to about 230 boys (of whom 15 are free, and the others pay 6*l.* per annum, books included) in Classics, Mathematics, and Commercial course. Scholars must have been in school at least 1 year before they obtain Free Scholarships, which are bestowed at Midsummer and Christmas, to the value of the endowment. Vacations, 10 weeks. The prizes in 1878 were distributed by Earl Nelson, who made an interesting speech on the occasion, in which he referred to the increase in the number of boys from 92 in 1873 to 225 in 1878, and to the high percentage of marks gained in the recent Examination of the school, conducted by the Cambridge Board of Examiners, as proofs that the work of the school was being well carried on. Head Master, J. F. Arnold, with 4 assistant Masters.

\* S. CLEMENT DANES, HOLBORN ESTATE GRAMMAR SCHOOL (2*nd grade*), HOUGHTON STREET, NEW INN, W.C. Founded 1862. Endowment, 687*l.* 10*s.* per annum. Instruction in Classics, Mathematics, Modern Languages, and the knowledge preparatory for University Middle-Class Examinations, to 130 boys, all day-scholars, none free; parishioners paying 4*l.* 10*s.*, non-parishioners 6*l.* 15*s.* per annum. This school was pronounced

by Schools Inquiry Commissioners as one of the "really useful" schools of London. 30 certificates, 10 in honours, had been gained by the pupils at University Locals up to 1873. Examinations at Christmas, by Graduates of Cambridge or Oxford. Vacations, about 12 weeks. Valuable Exhibitions are awarded annually. Head Master, the Rev. W. J. Savell, M.A., and 6 assistant Masters.

† \* TAVISTOCK SQUARE, TAVISTOCK HOUSE, JEWS' COLLEGE. Established 1856. Instruction in the school in English course, with French, German, Hebrew, and Mathematics; in the College, to boys over 15 years of age, in the higher Classics and Mathematics, with Hebrew Literature, Theology, and Antiquities, paying for college, 30*l.* per annum. Six free scholars on Foundation,—these are sons of Jewish teachers or ministers studying for the Jewish ministry. Has 5 Scholarships, of which 1 is of 100*l.* per annum, tenable for 3 years; and one of 50*l.* for three years; 4 of 30*l.* per annum, of which 3 are tenable 2, and 1 for 3 years. Vacations, 8 weeks. Principal of College, Dr. Friedlander; with 6 assistant Masters.

LONDONDERRY (*Derry, Ireland*), LONDONDERRY ACADEMICAL INSTITUTION. This institution was founded in 1868. Endowment, 160*l.* from the Hon. the Irish Society. Its work is carried on in 5 distinct departments:—The English and Classical School, the Commercial and Mathematical School, the School of Modern Languages, the Drawing School, and the Preparatory School. The Head Masters in these schools are appointed by a Board of Managers, consisting of subscribers of 50*l.*, 13 elected, and a few *ex-officio* Managers. The Principal resides in the institution, and receives boarders at 36 guineas per annum. The fees for day-boys vary from 4*l.* to 10 guineas per annum, exclusive of the fees for Modern Languages and Drawing (3*l.* and 2*l.* 2*s.* respectively per annum). About 150 scholars (8 free) are in attendance at the various schools. Pupils are prepared for entering college, and for business—Greek, Latin, French, German, Natural Philosophy, Chemistry, and Astronomy, in addition to the usual classes in English and Mathematics. There is an "Irish Society" Exhibition of 50*l.*, tenable for 2 years, awarded annually. 1 Exhibition offered by Wm. Tillie, Esq., J.P., of 10*l.*, awarded annually for proficiency in English, Classics, and Mathematics. Examinations take place at Midsummer and Christmas by the Masters and special Examiners. Vacations: 9 weeks, from 10th June till July 31st, and 23rd December till January 10th. At the first examination under the Irish Intermediate Education Act, the first place in the Senior Grade in Ireland was taken by a pupil of this school. Head Master, J. C. Dick, M.A., Head Master of the Classical and English School. John Young, M.A., Head Master of the Mathematical and Commercial School, assisted by a staff of resident and other Masters.

LONDONDERRY, FOYLE COLLEGE. Founded 1617. Endowment about 800*l.* per annum. Education given to about 40 boarders and 50 day-boys (of whom 12 are free) in advanced Classics, Mathematics, and Modern Languages. Preparation for entering Trinity College, Dublin, for Indian and Home Civil Service, Army, Navy, and Commercial pursuits. There are practically 2 separate schools—viz., the upper school, and the



modern department. Boarders pay 50 guineas per annum each, and day-boys 10 guineas per annum each, admitted between 9 and 16 years of age. There are 5 Exhibitions at Trinity College, Dublin, value 30*l.* each, granted by the Honourable the Irish Society, and tenable for 5 years, and 1 Scholarship at the College, value 20*l.*, tenable for 2 years for boys between 13 and 14 years of age. Vacations, 13 weeks. Principal, Maurice C. Hime, M.A., ex-Scholar and Moderator, Trinity College, Dublin; and 6 assistant Masters, 3 resident and 3 non-resident.

LONG EATON (*Derbyshire*), THE MIDLAND ACADEMY. The course of study includes the usual English subjects, with Latin, French, Greek, Vocal and Instrumental Music, Drawing, Book-keeping, and Shorthand. The terms for boarders are 30 guineas per annum. The school year is divided into three terms, each consisting of 14 weeks. Principal, Rev. Frederic Todd.

LONGSIGHT. See MANCHESTER.

\* † LONGTON (*Staffordshire*), TRENTHAM ROAD MIDDLE CLASS DAY SCHOOL. The course of instruction embraces Book-keeping and Mercantile affairs generally, Mensuration, the higher branches of Mathematics, Natural Science, French, Latin, Greek, Drawing, and Music. Advanced boys prepared for the Oxford and Cambridge Middle Class Examinations, Society of Arts, and the London University. Terms, 4 guineas per annum. Principal, B. Prowse, with assistant Masters.

LOUGHBOROUGH (*Leicestershire*), THE GRAMMAR SCHOOL (*1st grade*). Founded 1495. Endowment, 600*l.* to 700*l.* per annum; forming part of Thomas Burton's Charity; New Scheme, 1876. Upwards of 100 scholars, comprising as many boarders as day-boys. Tuition fees, 6*l.* a year. The school includes Classical and Modern sides, and a Lower School. Boys are educated for Universities, Professions, and Business pursuits. 2 Exhibitions of 30*l.* per annum each to Jesus College, Cambridge, tenable for 10 terms. Examiners from University. Vacations, 13 weeks. Head Master, J. B. Colgrove, M.A., F.R.A.S., late Head Master of Modern side, Rossall School, with 5 assistant Masters.

\* LOUGHBOROUGH, THE MIDDLE CLASS SCHOOL, TUDOR MANSION. Instruction is given in Latin, French, English in all its branches, Mathematics, the first principles of Scientific Knowledge, and Natural History. There is also a preparatory department, where pupils are specially prepared for the Public Schools. Terms, for board and education: 32 to 40 guineas per annum. Principal, George Bagnall, assisted by resident and visiting Masters.

\* LOUTH (*Lincolnshire*), KING EDWARD'S SCHOOL (*1st grade*). Founded 1551. Endowment, 1,200*l.* Instruction to about 80 boys, who have a Classical education free, and pay for English and Modern Language course, 8*l.* 16*s.* per annum in the Upper School, and 3*l.* 8*s.* in the Lower School. A new scheme for the school is now under the consideration of the Endowed School Commissioners. Vacations, 13 weeks. 22 certificates have been gained by pupils at the University Locals up to 1873, 15 with honours. The Poet-Laureate was educated at this school. Rev. Mungo T. Park, M.A., with 4 assistant Masters.

† LOUTH, EASTFIELD HOUSE. Established 1865. Instruction in



Classics, Mathematics, English, and French. Boarders, paying 30*l.* per annum. Vacations, 10 weeks. Principal, Samuel Bateman, B.A., London, A.C.P., and 3 assistant Masters.

LOWER WICK (*Worcester*). See WORCESTER.

LOWESTOFT (*Suffolk*), CLAPHAM ROAD SCHOOL. Established 1845. Instruction is given to about 60 pupils. Navigation is a special feature. Fees: for boarders, 20 to 25 guineas per annum. Principal, Joseph Chapman, with 2 assistant Masters.

LOWESTOFT, ST. MARGARET'S COLLEGE. At this school sons of gentlemen are educated for the Public Schools and professional life. Instruction in Classics, Mathematics, French, German, and usual English subjects. Terms: for boarders, 70 to 80 guineas per annum. Principal, O. T. Bulkeley, B.A., with assistant Masters.

LOWESTOFT, ANNOTT'S LATIN SCHOOL. Founded 1571, by Thomas Annott. Endowment, 16*l.* per annum. It is now an Elementary English School.

LOWESTOFT, SOUTH, ST. AUBYN'S. A limited number of pupils are instructed upon inclusive terms for all usual school subjects according to age. Under 11, 80; under 13, 90; over 13, 100 guineas per annum. Principal, J. Bruce Payne, M.A., Cantab, formerly Captain of Rossall School, with resident Tutors.

LOWESTOFT, WILDE'S LATIN SCHOOL. Founded 1735, by John Wilde. Shares in endowment of 204*l.* per annum and house. Is now an Elementary English School only.

† LOWTHER (*Westmoreland*), LOWTHER SCHOOL. Founded 1638, by Richard Lowther. Endowment, 280*l.* per annum. Instruction to 40 boys, all Foundationers, in Classics, Mathematics, and English course.

† LOWTON, *near* WINWICK (*Lancashire*), LATIN SCHOOL. Founded 1751, by Peter Legh. Endowment, 15*l.* 10*s.* Now provides merely elementary English instruction.

LOXLEY (*Warwick*), THE VICARAGE. A limited number of resident pupils are received and prepared for Competitive Examinations, the Civil Services, the Army, College of Surgeons, etc. Terms: 100 guineas per annum, including French, German, Drawing, Natural and Experimental Science, and all the ordinary subjects of Examination. Principal, the Rev. H. P. Kendall, M.A., late Scholar of S. John's College, Cambridge, with assistant Masters.

LUCTON (*Herefordshire*), THE FREE SCHOOL. Founded by John Pierpoint, 1708; incorporated by Act of Parliament in the 7th year of Queen Anne. There are 2 schools—the English school and the Latin school. Foundation candidates must not be over 13, nor under 10, and able to “read distinctly the Lord's Prayer, and a chapter in the New Testament;” and must bring certificates (*a*) of health; (*b*) of their “Christianing.” The *first sort* boys are not to exceed 50; sons of poorer parents taught free, and provided with a yearly suit of clothes. *Second sort*, not to exceed 30; sons of parents who are better off, paying 1*l.* a year for schooling, and 5*s.* for the use of school books. There is an annual Exhibition, of the value of 75*l.* a year for 4 years, tenable at Oxford or Cambridge,

*open to all boys on the Foundation. Boarders*, to be candidates, must have been at least 2 years at the school, and have been made Foundationers before the age of 16. Head Master, the Rev. Arthur Compton Auchmuty, M.A., late Scholar of Lincoln College, Oxford, with assistant Masters.

\* **LUDLOW** (*Shropshire*), KING EDWARD VI. GRAMMAR SCHOOL (*2nd Grade*). Founded 1282; re-founded in 1552, by Edward VI. Endowment, 750*l.* per annum. No free scholars. Has 3 Exhibitions of 50*l.*, tenable at Oxford, Cambridge, or Durham, for 3 years, and 2 Exhibitions of 45*l.*, for 3 years at Balliol College, Oxford. Instruction is given in Classics, Mathematics, Modern Languages, Science, Music, Drawing. There are about 80 pupils, boarders paying about 55*l.*, and day-scholars 5*l.* to 10*l.* per annum each, admitted at the age of 8 years by Examination. The school is about to be governed by a new scheme, many points of which remain to be settled. Vacations, 14 weeks. The Senior Wrangler for 1883 (Mr. Matthews) was educated at this school. Head Master, Rev. W. C. Sparrow, M.A., LL.D.

**LUDLOW**, COMMERCIAL SCHOOL, MILL STREET. Established 1875. To prepare boys for Commercial and Agricultural pursuits. About 35 pupils are received, boarders paying 24 to 28 guineas per annum, and day-boys, 4 to 6 guineas per annum. Vacations, 11 weeks. Principal, John Reed, with 1 resident and 2 non-resident assistant Masters.

**LULWORTH**, WEST, WAREHAM, DORSET. A limited number of pupils prepared for the Army, Universities, and Public Schools. Lulworth is situated on the south coast, between Bournemouth and Weymouth, and is one of the most picturesque spots to be found for many miles along the south coast. The climate is very salubrious, and highly recommended by eminent London physicians. Each pupil has his own room, and steady work is insisted on. Principal, the Rev. Gerard Williams, M.A., Merton College, Oxford, and Vicar of West Lulworth, Dorset, assisted by a good Mathematical Tutor and experienced French and German Professors (non-resident).

**LURGAN** (*Ireland*), LURGAN COLLEGE. Head Master, W. T. Kirkpatrick, Gold Medallist, Queen's University.

**LUTON** (*Bedfordshire*), NORTON HOUSE SCHOOL. Instruction is given in English, Ancient and Modern History, Natural Philosophy, Mathematics, French, Latin, Music, Drawing. Pupils are prepared for the Oxford Middle Class and other Examinations. Terms: 40 to 50 guineas per annum; this includes French, Latin, Drawing, Laundress, and all Lesson Books. Principal, John Thurnham, M.R.C.P., with resident assistant Masters.

\* **LUTON**, ST. JOHN'S COLLEGE. The pupils at this school receive a liberal education, and are taught every subject required for the Professions, and for first-class Mercantile pursuits. They are prepared for the Oxford and Cambridge Local Examinations, Civil Service Examinations, etc. The course of instruction includes Book-keeping, English in all its branches, Mathematics, Natural Science, the French and German Languages, Latin, and Greek, Drawing, and Music. The year is divided into 3 terms. Vacations, about 12 weeks. Only 40 resident pupils received. Fees: 40 to 60 guineas per annum. Principal, Henry Wright,

of Magdalene Hall, Oxford, assisted by 4 resident Masters, and 4 visiting Masters.

LYMINGTON (*Hants*), FULFORD'S SCHOOL. Founded 1668, by George Fulford, for Classics and English course. Endowment, 20*l.* per annum. Head Master, Geo. Barton. Has long been merged into an Elementary National School.

LYNN. See KING'S LYNN.

LYTHAM (*Lancashire*), PEMBROKE HOUSE SCHOOL. Established 1876. About 50 pupils are prepared for the Universities, Scholarship, and other Examinations, as well as for Commercial life. In the higher forms the course of study includes the Ancient and Modern Languages, Mathematics, and Natural Science; in the lower forms a thorough foundation is laid in English, Arithmetic, Latin, and Elementary Science. Terms: 70 to 80 guineas per annum. Head Master, Edward R. Lightwood, B.A., with assistant Masters.

LYTHAM, *near* PRESTON, SEAFIELD PREPARATORY SCHOOL. This school was established in 1847. About 50 pupils under fifteen years of age are instructed in the various branches of a high-class education, and preparation for Entrance and Scholarship Examinations at the Public Schools. The scholastic year is divided into three terms. The summer vacation (of seven weeks) begins about the end of July. Five weeks' holiday is given at Christmas and a fortnight at Easter. Terms: board, with instruction, including English, in its usual branches, Latin, Greek, and Mathematics, 60 guineas per annum, for boys under ten years of age; 65 guineas for those above ten. Principal, J. B. Slater, B.A., LL.B., with assistant Masters.

## M.

MACCLESFIELD (*Cheshire*), KING EDWARD'S SCHOOL (*1st grade*). Founded 1553, by Sir John Percyvale. Endowment, 2,000*l.* per annum; supports also a Commercial School, which is distinct from this. The school has been re-organized under a new scheme which came into operation in January, 1880. Instruction is given in Classics, French, Mathematics, German, and usual English subjects. Boys are prepared for the Public Schools and Universities and all examinations; those who do not learn Greek give their time to additional English subjects, Mathematics, etc. There are 3 Exhibitions (1 given annually) of 50*l.* a year each, to Oxford, Cambridge, or any place of higher education, being tenable for 3 years. Terms: boarders pay 60*l.* per annum, and the school fees for day-boys and boarders are 9 guineas per annum. Examiners, Cambridge Syndicate. Vacations, 12 weeks. Head Master, Rev. Darwin Wilmot, M.A., Oxford, assisted by 2 resident and 2 non-resident Masters.

† \* MACCLESFIELD, MODERN FREE SCHOOL. This is the Commercial branch of the above-named school. Classics excluded, but French, Mathematics, Science, and Art, to about 100 boys, paying 3 guineas per annum, including books. French, 10*s.* extra. University Local Examinations, at which 52 certificates, 2 in honours, had been gained by pupils up to 1873. Principal, John Jackson, with 2 assistant and 2 visiting Masters.

**MADELEY**, near NEWCASTLE-UNDER-LYNE (*Staffordshire*), ENDOWED SCHOOL. Founded 1645, by Sir John Offley. Endowment, 100*l.* per annum. Instruction is given in English subjects, Mathematics, Land-Surveying, French, Latin, Drawing, Music, to about 118 day-scholars. Terms: 5 guineas per annum, none free. The vacations are at Christmas, 1 month; Easter, 1 week; Midsummer, 6 weeks. Head Master, James Yates, with 2 resident assistant Masters.

**MAIDENHEAD** (*Berkshire*), "CORDWALLES." This school is preparatory for the Public Schools. About 55 pupils are received at from 8 to 14 years of age. The course of education comprises Divinity, Latin, Greek, Mathematics, French, English Grammar and Composition, History, Geography, and Writing. Terms, 100*l.* a year. Vacations: 5 weeks at Christmas; 3 at Easter; and 6 in the summer. Principal, the Rev. Thomas Jackson Nunns, M.A., late Foundation Scholar of S. John's College, Cambridge, First Classman in Classical Honours, with 5 resident assistant Masters, Graduates of Oxford and Cambridge, and 2 non-resident Masters.

\* **MAIDENHEAD**, CRAUFURD COLLEGE. Established 1846. This is a well-known school. Instruction is given for all the Competitive Examinations, in Classics, Mathematics, French, German, Chemistry, to 80 boys, all boarders, at 50 to 60 guineas each. University Middle Class Examinations, at which 99 certificates, 36 in honours, had been gained by pupils up to 1873. Vacations, 13 weeks. Principal, Rev. Dr. Payne, with 6 assistant Masters.

\* † **MAIDENHEAD**, THE HIGH SCHOOL. A thorough English education, with instruction in Latin and Greek. Pupils prepared for the Middle Class Examinations, the Incorporated Law Society, and the Civil Service Commission. Terms, inclusive: 30 to 40 guineas per annum each. Principal, the Rev. Matthew Galt, with assistant Masters.

**MAIDSTONE** (*Kent*), MAIDSTONE GRAMMAR SCHOOL. New and commodious buildings have recently been erected for this school. The system of education comprises the usual course of a first-grade school, Classics, Mathematics, French, German, and English, etc. There are 2 Scholarships, of the annual value of 40*l.*, and rooms open to the whole school, and tenable at University College, Oxford. The Lubbock testimonial Scholarship and 3 Randall Scholarships, tenable at the school only. Terms: boarders, 51 guineas per annum; day-pupils, 10 guineas per annum. Head Master, the Rev. S. Maitland Cresthwaite, M.A., with assistant Masters.

\* **MAIDSTONE**, BRUNSWICK HOUSE. Established 1860. Instruction is given in English, Foreign Languages, Science, and Music, to about 40 day-boys. Terms: 6 guineas per annum; and 20 boarders, 25 to 30 guineas per annum. Pupils prepared for the Oxford and Cambridge Local Examinations and College of Preceptors. Vacations: 4 weeks at Christmas; 5 weeks at Midsummer. Principal, William Brownscombe, with 2 resident and 2 non-resident assistant Masters.

**MALDEN**. See NEW MALDEN.

\* **MALDON** (*Essex*), MALDON GRAMMAR SCHOOL. Founded 1608, by Ralph Breder. Endowment, 74*l.* per annum. Instruction in Classics and general English course to 26 boys. Tuition fees: foundationers, 5*l.*;



non-foundationers, 10*l.* per annum each. Head Master, the Rev. T. L. Pearson, B.A.

MALHAM (*Yorkshire*). See KIRKBY IN MALHAMDALE.

MALPAS (*Cheshire*), CHOLMONDELEY GRAMMAR SCHOOL. Founded 1690, by Lord Cholmondeley. Endowment, 25*l.* per annum. Instruction to about 30 boys in English Commercial course.

MALTON OLD (*Yorkshire*), FREE GRAMMAR SCHOOL. Founded 1545, by Robert Holgate, Archbishop of York. Endowment, 120*l.* per annum. Preparation for Universities and the Liberal Professions, to day-boys, paying 6 or 10 guineas, and boarders 50 or 60 guineas per annum. Head Master, Rev. H. Garrett, B.C.L., formerly Choral Scholar of New College, Oxford.

\* MALTON (*Yorkshire*), MALTON MIDDLE CLASS BOYS' SCHOOL, NEWBEGIN HOUSE. Established 1874. The course of instruction is Commercial, and preparation for University, Local, and other Examinations. About 60 boarders and day-pupils are in attendance. Examination at Christmas by Head Master. Vacations, about 12 weeks. Head Master, W. Constable, with 2 assistant Masters.

MALTON NEW (*Yorkshire*), S. MICHAEL'S VICARAGE. Pupils prepared for the Public Schools or Universities. Terms: 70 guineas per annum for boys under 13 years; 80 guineas per annum for boys above 13 years. The year is divided into 3 terms. Principal, the Rev. George Arthur Firth, M.A., of Christ Church, Oxford, assisted by a resident Tutor.

MALVERN GREAT (*Worcestershire*), MALVERN COLLEGE. See Public Schools, Part V., page 317, and also Index to Appendix A.

MALVERN, SOUTHLEA. High-class education to 30 pupils not exceeding 14 years of age, the sons of gentlemen only, with a special view to preparation for the Public Schools. Terms: boarders, 90*l.* to 105*l.* per annum; day-pupils are not received. The year is divided into 3 terms by vacations at Easter, Midsummer, and Christmas. Principal, Rev. S. Latham, M.A., Emmanuel College, Cambridge.

\* MALVERN, CHERBOURG HOUSE. A limited number of pupils prepared for Malvern College, the Public Schools, etc. Annual terms, from 70 to 100 guineas. One of the pupils gained the first Harrow Mathematical Scholarship in 1877, and first Classical Scholarship 1878. Principals, the Rev. F. W. Young, M.A., of Merton College, Oxford, and A. Vernon Vines, assisted by resident Masters.

MALVERN, COLWALL SCHOOL. See COLWALL.

MALVERN WEST, HILLSIDE. Established 1870. At this high-class preparatory school pupils are carefully prepared for Eton, Harrow, Rugby, and all the large Public Schools, also specially for Civil Service Examinations and for the Professions. Special attention to Modern Languages. 30 boarders are received from 8 till 15 years of age. Half-yearly Examinations. Vacations, 14 weeks. Principal, the Rev. Edward Ford, M.A., St. John's College, Cambridge, assisted by his 2 sons. See also Index to Appendix A.



\* MALVERN, MALVERN LINK SCHOOL. This is a preparatory school for the sons of gentlemen, who are carefully prepared for the Public Schools. Pupils are grounded in Latin, Greek, French, Mathematics, and English. The year is divided into 3 terms. Fees for boarders, 90*l.* per annum. Head Master, William Douglas, M.A., 5 years assistant Master at Rossall School, late Scholar of Keble College, Oxford, with 4 resident assistant Masters.

\*\* MANCHESTER (*Lancashire*), THE GRAMMAR SCHOOL. See PUBLIC SCHOOLS, page 319, Part V.

\* MANCHESTER, COMMERCIAL SCHOOLS, STRETFORD ROAD. Established in 1845. The object of this institution is to afford a sound and practical English education for boys from 6 to 16 or 17 years of age. There is no endowment except buildings and playground, which are freehold, and held under trust. Pupils are educated for Commercial and Professional pursuits, and the Universities. French, German, and Latin form part of regular course. Greek is taught to exceptional pupils. Phonography, Science, Music, and Drawing, and Drilling included. The average number of scholars is 150, 2 free. Fees: for day-scholars, 8*l.* 10*s.* per annum; boarders pay 40 guineas per annum extra. The Trustees are the Dean and Canons of Manchester, The Committee of Management consists of the Bishop of Manchester, the Trustees, and 19 elected clergy and lay members. There are 2 Exhibitions, entitling to free instruction for 2 years, value about 16*l.* each per annum. Examinations take place in May, June, December, also quarterly by the Head Master. 21 certificates have been gained by pupils at the University Local Examinations up to 1873, 3 in honours. Vacations, 11 weeks—viz., Summer, 5 weeks; Christmas, 4 weeks; Easter and Whitsuntide, 1 week. Head Master, The Rev. Ben. Winfield, B.A., London, assisted by 4 regular and 7 visiting Masters.

MANCHESTER, CHEETHAM HILL HIGH SCHOOL, CHEETHAM HILL. The course of instruction at this school embraces the subjects of a Classical, Mathematical, and Commercial Education. The branches taught are English subjects generally, Drawing, French, German, Latin, Greek, Arithmetic, Mathematics, and Physical Science. Charges: day-scholars, from 9 to 15 guineas; day-boarders, 18 to 25 guineas; full boarders, 40 to 60 guineas per annum. Principal, T. Graham, M.A.

MANCHESTER, "THE OAKLANDS," BROOKLANDS, MARSLAND ROAD, MERTON HOUSE SCHOOL. Founded by Principal in 1875. Removed to "The Oaklands" in 1879. The pupils at present in the school are 9 boarders, 20 day-boys. The terms for pupils are: day-scholars from 15 to 18 guineas; full boarders, 60 to 70 guineas per annum. The above terms are inclusive for all the regular subjects of school instruction. The year is divided into three terms. Principal, William H. Rhodes, M.A. (London), assisted by Masters.

MANCHESTER, WATERLOO ROAD COMMERCIAL ACADEMY. Established 1853. Course of instruction: Commercial education, Physical Science, Elements of French and Latin. Annual terms: boarders, 28*l.*; day-boys, 8 guineas. Vacations, 10 weeks. Principal, Thomas Austin Bullock, LL.D., with assistant Masters.

\* MANCHESTER, CHARLTON HIGH SCHOOL, RUMFORD STREET. Established 1838. Instruction in Classics, Mathematics, Chemistry, French, German, etc., to 130 boys, chiefly day-scholars. Fees: for day-scholars, 12 to 16 guineas. Charge for boarders, 50 guineas in addition to school fees. Preparation for University Local Examinations. 173 certificates have been gained by pupils at these Examinations up to 1873, 59 in honours. Principal, John Kendall, B.A., with several assistant and visiting Masters.

\* MANCHESTER, FAIRFIELD BOYS' SCHOOL (*Moravian*). Established 1801. The object of this institution—which has existed for about 80 years—is to give sound and ample instruction in the various branches of a useful and liberal education. Instruction: Classics, Mathematics, Physical Science, with Chemistry, Music, French, German, etc., to 60 boarders and about 12 day-pupils. Terms: boarders, 38 to 40 guineas; and day-pupils, 8 guineas per annum. Pupils are prepared for the Oxford and Cambridge Local Examinations. Vacations: 6 weeks at Midsummer; 4 at Christmas; and 2 weeks at Easter. Principal, the Rev. Charles Rea, assisted by 6 resident Masters.

\* MANCHESTER, GREENHEY'S COLLEGE SCHOOL, 86 AND 88, BURLINGTON STREET. Established 1868. The course of instruction embraces English subjects, Book-keeping, Drawing, Music (vocal and pianoforte), Arithmetic, and Mathematics, French, German, Latin, Greek, and Holy Scripture. Candidates are prepared for the Oxford or Cambridge Local Examinations, the Preliminary Examinations for Solicitors, and for Owens College. There are 60 day-pupils. Terms, 6 to 8 guineas per annum. No boarders. Examinations held half-yearly. Vacations, 10 weeks. Principal, J. Livesey, C.M., with assistant Masters.

\* MANCHESTER, OLD TRAFFORD SCHOOL. Founded 1853. This school bears a high local reputation. Instruction in Classics, Mathematics, French, German, Chemistry, Mechanics, etc., to 100 boys, 25 of whom are boarders, paying 80 to 120 guineas; day-boys pay 20 to 28 guineas; daily boarders, 32 to 40 guineas per annum. Preparation for London Matriculation, University Local, and other Competitive Examinations. Every pupil in the school is entered for the University Local Examinations, and it is doubtful if any other school in England has adopted such a system. 146 certificates have been gained by pupils up to 1873, 40 in honours; and during the last 12 years 209 have passed out of 240 candidates. Head Master, E. Hamilton Sharp, and 11 assistant Masters.

\* MANCHESTER, CHEETHAM COLLEGIATE SCHOOL, CHEETHAM HILL ROAD. Pupils are prepared for the Universities, the Naval and Military Colleges, the Oxford and Cambridge Middle Class Examinations, the Public Schools, and Professional and Commercial pursuits. The course of instruction embraces the Hebrew, Greek, Latin, French, and German Languages, Music, Drawing, and Painting, Chemistry, Astronomy, Mathematics, Navigation, Land-Surveying, Arithmetic, and the English Language in all its branches. There are 300 day-pupils at 5*l.* to 8*l.* per annum; 20 boarders; terms, 40 guineas per annum. Examinations at Christmas and Midsummer by the College of Preceptors. Vacations, 10 weeks. There are also young ladies' day classes, numbering 150 pupils. Head

Master, John Howarth Clark, F.R.G.S., A.C.P., and 25 assistant Masters and Governesses.

\* **MANCHESTER, HIGHER BROUGHTON, LAUREL BANK SCHOOL.** Established 1872. The instruction includes English, Latin, and Greek, French, and German, Mathematics, and Natural Philosophy, and Drawing. The boys are prepared for the Oxford or Cambridge Local Examinations. The year is divided into 3 terms. The number of pupils is 53. Fees: for day-scholars, 21 guineas; and for boarders, 60 to 70 guineas per annum. Vacations, 13 weeks. Principal, Joseph Bell, B.A., London University, with assistant Masters.

**MANCHESTER, CLASSICAL AND COMMERCIAL SCHOOL, OLD TRAFFORD.** Established in 1872. The course of instruction is Classical and Commercial, with Latin, Greek, French, German, etc. Number of pupils in attendance, from 50 to 60. Fees: 8, 12, and 16 guineas per annum for day-boys. Age of admission, from 7 years. Annual Examination at Christmas. Vacations, 10 weeks in the year. Head Master, Rev. Henry Leathley, with 2 assistant Masters.

**MANCHESTER, HIGHER BROUGHTON, NORTHUMBERLAND STREET, BROUGHTON HIGH SCHOOL.** This school was specially built for a high-class educational establishment, and is fitted throughout with all modern sanitary appliances. A large play-ground is attached to the house, and a cricket field adjoins it. The course of instruction pursued is adapted to prepare pupils either for the Universities or for Commercial life. The teaching of the Modern Languages is so directed as to secure that each pupil, on the completion of his course, shall possess the power of easily and fluently conversing in the languages he has learnt. Fees: for board and tuition, 48*l.* to 60*l.* per annum. Principal, Rev. James Boyd, M.A., formerly Head Master of Alnwick Grammar School.

**MANCHESTER, LONGSIGHT HIGH SCHOOL, RICHMOND GROVE.** At this excellent school the course of instruction to about 60 pupils consists of a full range of English subjects, French, Latin, Drawing, and Mathematics. Pupils are prepared for the various Professional and Commercial pursuits of life, for the Oxford and Cambridge Local Examinations, and for the Examinations in connection with the Royal College of Preceptors. Board and tuition, 36*l.* per annum; day-pupils, 6*l.* to 8*l.* per annum. Principal, John Kidger.

\* **MANCHESTER, MECHANICS' INSTITUTION.** Established 1857. This institution consists of boys' and girls' day schools. The system of education pursued in the boys' school has for its object, not only the communication of useful knowledge, but the training and development of the mental and moral faculties of the pupils. The course of instruction includes the usual branches of an English education, together with Drawing, French, and Latin, Mathematics, and Science, and the study of the English Classics. 2 Scholarships, giving free instruction in the school for 1 year, and various prizes awarded annually. Pupils who have attended the school for 1 year will be eligible to compete for such scholarships and prizes. Pupils pay from 4 to 6 guineas per annum. Head Master, R. F. Brewer, B.A., with a staff of assistant Masters. Lady Principal, Mrs. K. R. Smith, with a staff of Assistants.

\* MANCHESTER, PETER STREET SCHOOLS. Established 1827. These schools consist of infants—boys' and girls' departments—and are in connection with the New Jerusalem Church, Manchester. Number of pupils on the books : boys, 420, girls, 240, and infants, 180. Terms : higher division, 24s. to 48s. per annum ; lower division, 12s. to 16s. per annum. Head Master (boys' department), J. Scotson, with 10 assistant Masters. Mistresses (girls' department), the Misses Moss, with 8 Assistants. Mistress (infants' department), Miss Kennerley, with 3 Assistants.

\* † MANCHESTER, VICTORIA PARK SCHOOL. Instruction in Greek, Latin, French, and German, and in various Sciences, to 100 scholars between 6 and 17 years of age, of whom day-scholars pay 18l.; day-boarders, 28l.; and boarders, 75l. per annum. 62 certificates, 18 in honours, had been gained by the pupils up to 1873 at the University Locals. Vacations, 12 weeks in the year. Examinations by Masters. Principal, Ernest Adams, Ph.D., F.C.P., and several assistant Masters.

MANSFIELD (*Nottinghamshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (*1st and 2nd Grade*). Founded in 1561, by Queen Elizabeth. Endowment, 1,300l. per annum. Lately rebuilt at a cost of 10,000l. Provides classical and general education and such as to qualify boys for the Universities, the Public Services, or for Mercantile pursuits. There is special preparation for the various Competitive Examinations, and Modern Languages and Natural Science form a regular part of the school course. Day-boys and boarders pay for tuition from 6 to 15 guineas per annum. The charge for boarding is about 40l.; other charges are nominal or optional. Boys are admitted at 9 years of age on passing an Examination. There are 2 contingent Scholarships of 40l. and 42l. at Cambridge for certain natives of Notts, tenable to B.A. degree, and numerous others at school. The maximum number is 30. There is an Examination for entrance, 1 annually by Examiners from University, and 1 to be passed by all boys at the age of 13. Vacations, 13 weeks. Head Master, the Rev. E. Johnson, M.A., with assistant Masters.

MANDEVILLE, THORPE. See THORPE MANDEVILLE.

MANOR PARK (*Essex*), SEATON HOUSE SCHOOL, FOREST ROAD. The course of instruction comprises Latin, French, and the usual subjects of an English education. Terms : boarders, 24l. to 30l. per annum ; day-pupils, 3l. to 5l. per annum. Principal, Jas. Woodward, M.C.P., with assistant Masters.

\* MARCH (*Cambridgeshire*), MARCH GRAMMAR SCHOOL (*3rd grade*). Founded 1696, by W. Neale ; re-organized under the new scheme of the Endowed Schools Commissioners, 1874, and now conducted as a third-grade school. Endowment, 100l. and house. Instruction in Classics, Mathematics, Science, and French, to about 30 scholars. Fees : for boarders, not exceeding 30l. per annum ; day-pupils, 3l. to 5l. per annum. Pupils admitted at 8 years, by Examination. Examinations yearly. Vacations, 12 weeks. Head Master, Sydney S. Lane, B.A., London.

MARGATE (*Kent*), BROADSTAIRS. See page 734, BROADSTAIRS.

MARGATE, WESTGATE-ON-SEA. See WESTGATE ON-SEA, page 1058.



**MARGATE, THE HIGH SCHOOL.** Established in 1856. The present handsome building was erected in 1873. The Education is Classical and Commercial, and embraces Latin, Greek, French, German, Mathematics, Science, Shorthand, and Book-keeping. In order to test their progress, the boys are regularly sent in for some public examination, the senior boys for the London Matriculation and the Oxford and Cambridge Locals, others for the College of Preceptors, and the juniors for the examination established by the Association of Principals of Private Schools. Terms for board and tuition: 60*l.* to 74*l.*, inclusive. Principal, G. Wharton Robinson, M.A., Oxon, Member of the Council of the College of Preceptors. See also Index to Appendix A.

\* **MARGATE, THANET COLLEGE.** The school was established in 1808, and is divided into two departments:—1. Classical; 2. Modern. In the Classical department boys are prepared for the Universities, Professions, and Public Examinations. The course of Instruction includes Divinity, English, Latin, Greek, French, German, Mathematics, Natural Science. In the Modern department Greek is not taught, Latin is diminished or discontinued, and increased attention is given to French, German, Mathematics, English Literature and Composition, Modern History, Geography, Book-keeping, Mensuration, etc. Drawing and Chemistry are taught in both departments. The pupils have also the advantage of attending Lectures on Astronomy, Natural Philosophy, etc., complete sets of instruments being provided for the several subjects. The Laboratory is under the personal supervision of a practical master, experienced in teaching Science, and there is a large workshop with turning lathe, at which a carpenter attends regularly to give instruction. There are 110 boarders in the house, and 40 in the lodge. Terms: 40 to 50 guineas per annum, including board. There are vacations at Christmas and Midsummer. There is a Preparatory School in connection with this College, conducted by Miss Hodges, and under the immediate superintendence of the Principal. Principal, W. Leetham. Vice-Principal, W. M. Smith, B.A., with a large and efficient staff of assistant Masters. See also Index to Appendix A.

\* **MARGATE, THANET COLLEGE PREPARATORY SCHOOL, THE LODGE.** Boys are instructed in all the subjects required for the Oxford and Cambridge Local Examinations. Terms: 30 to 40 guineas per annum. This Preparatory School is in connection with Thanet Collegiate School, and is conducted by Miss Hodges, under the immediate superintendence of W. Leetham. See also Index to Appendix A.

**MARGATE, HERNE HOUSE, 1, 3, 5, 7, ARTHUR ROAD, CLIFTONVILLE.** Founded at Woodside, Croydon, Christmas 1868. Removed to Margate, September 1876. Instruction in Mathematics, Classics, French, German, and the usual English course. Pupils prepared for Cooper's Hill, the Universities, Public Schools, for Professions, and Commercial life. 30 to 40 pupils. Terms: boarders, 57 to 63 guineas per annum; daily pupils, 30 to 33 guineas per annum. Examinations in June and December by the College of Preceptors, etc. 3 vacations, 14 weeks. Principal, Rev. William Taylor Jones, M.A., Cantab, L.C.P., Member of the Council of the College of Preceptors, and 5 resident and 3 non-resident assistant Masters.



**MARGATE, DANE HILL HOUSE.** Established 1810. The course of instruction in this well-known and old-established school is based upon the requirements of the University Local Examinations and the College of Preceptors, and includes Latin, Greek, French, Mathematics, and all the usual subjects of a sound English education. Pupils prepared for Matriculation at the Universities, for the Civil Service, and for the various Medical, Legal, and Naval Examinations. There is a good Chemical Laboratory, a Gymnasium, and workshop attached to the school. There are about 80 boarders, the fees varying from 40 to 45 guineas per annum, according to age. 191 certificates have been gained by pupils at the University Local Examinations to December 1882, viz., 123 at the Oxford and 68 at the Cambridge Examinations. Head Master, Rev. A. W. Boulden, M.A., L.C.P., late Scholar of Corpus Christi College, Cambridge; Second Master, C. J. Boulden, B.A. (Senior Optime), Trinity College, Cambridge; with assistant Masters.

**MARGATE, ARLESFORD HOUSE SCHOOL, EATON ROAD.** Pupils prepared for the Oxford and Cambridge Local and College of Preceptor's Examinations, also for entry into Public Schools. Terms: for board and instruction in all the branches of an English education with Latin, from 30 to 40 guineas per annum. Principal, Mrs. Herbert, assisted by resident and visiting Masters and Governesses.

\* ¶ **MARGATE, EAST CLIFF HOUSE GRAMMAR SCHOOL, CLIFTONVILLE.** This school is in union with the College of Preceptors. The general scheme of education prepares pupils for the Universities, the Army, the Navy, the Civil Service, the Professions, and Mercantile pursuits. Great importance is attached to French, German, Music, Singing, Drawing from the Flat and from Model, Land-Surveying, Mathematics, and Book-keeping. The year is divided into 3 terms. Vacations, about 13 weeks. Fees: for boarders, 42*l.* to 63*l.* per annum. Head Master, Dr. G. F. Head, F.R.G.S., M.C.P., assisted by Graduates of Oxford and Cambridge and the University of Paris.

**MARGATE, NAPIER LODGE, CLIFTONVILLE.** This is a preparatory establishment for boys, and is in connection with East Cliff House Grammar School. The pupils have the same advantages as those in the Upper School, the system of education pursued being the same, including instruction in all the branches of a thorough English education, with elementary French and Latin. Terms: for boarders, 33*l.* per annum. Principal, Dr. G. F. Head, F.R.G.S., M.C.P.

**MARGATE, MADRAS HOUSE SCHOOL, CLIFTONVILLE.** Pupils are prepared for the Public Schools. Terms: 50 guineas per annum, including instruction in the English, French, and Latin Languages. The year of study is divided into three terms. Principal, Mr. and Mrs. Alfred Aubrey, assisted by resident Teachers and visiting Masters.

**MARGATE, ALBION HOUSE SCHOOL, CLIFTONVILLE.** The regular course of instruction includes the Greek, Latin, German, French, and English Languages, Euclid, Algebra, and Arithmetic, Natural Science, Music, and Drawing. Boys are prepared for the Public Schools and for Competitive Examinations. Terms: 90 guineas per annum. The vacations consist of 6 weeks at Midsummer, 4 weeks at Christmas, and a fortnight at Easter. Principal, C. Schimmelman, M.A., with assistant Masters.

MARGATE, SKELSMERGH HOUSE SCHOOL, DALBY SQUARE, CLIFTONVILLE. This is an excellent preparatory school for boys, and the usual course of studies necessary for the Public Schools is followed. Margate is justly considered one of the most healthy towns in England. The terms for boarders above six years of age are 40*l.*, under that age 35*l.* per annum. The school year is divided into three terms. Principal, Mrs. Hester; Head Master, G. N. Hester, London University. See also Index to Appendix A.

MARGATE, OSBORNE HOUSE, PREPARATORY SCHOOL. About 60 boarders, boys (no day), are prepared for the Public Schools. Terms: 60 guineas per annum. The year of study is divided into three terms. Principal, Miss Law, with resident and visiting Masters.

\* MARGATE, PALMER HOUSE SCHOOL, ZION PLACE, CLIFTONVILLE. The course of instruction embraces English, Greek, Latin, French, and German Languages, Chemistry, and Natural Philosophy. Terms: 40 to 60 guineas per annum. The school year is divided into 3 terms. Principal, Philip Stewart, with assistant Masters.

MARGATE, CAMBRIDGE HOUSE SCHOOL, HAROLD ROAD. Established 1868. Instruction, Classical and Commercial; Languages taught:—Greek, Latin, French, German. 20 boarders and 10 day-pupils. Terms: boarders, 30 to 40 guineas; parlour-boarders, 70 guineas; day-pupils, 8 to 10 guineas. Examinations annually by the College of Preceptors in May. Vacations, 12 weeks: 6 at Midsummer, and 6 at Christmas. Principal, Samuel Player, B.A., London, F.R.A.S., and assistant Masters.

MARGATE, DITTON HOUSE SCHOOL, NORTHDOWN ROAD, CLIFTONVILLE. The subjects of instruction are chiefly those required for the Local Examinations of the College of Preceptors. A limited number of boarders received, paying 35 to 45 guineas per annum; day-pupils pay 10 guineas per annum. The school year is divided into 3 terms. Principal, John William Day, with assistant Masters.

\* MARGATE, CLIFTON COLLEGIATE SCHOOL, LAUSANNE HOUSE. Established 1873. Instruction in Latin, French, German, and Mathematics, and English, to 100 boarders in the Senior School and 50 in the Preparatory School. No day-scholars are received. Terms: boarders, 40 to 60 guineas per annum. Examinations at Christmas and Midsummer, by the College of Preceptors. Pupils are also prepared for the Oxford and Cambridge Local Examinations. Principal, William Leach Lewis, M.C.P., with 6 resident and 4 non-resident assistant Masters.

MARGATE, APSLEY HOUSE, ST. PETER'S ROAD. Instruction to 60 pupils in Latin, Mathematics, French, German, English, etc. Terms: boarders, 30 to 36 guineas; day-boys, 6 guineas per annum. Examinations by the College of Preceptors at Christmas, and Science and Art Department in May. Vacations, 6 weeks at Midsummer, and 5 at Christmas. Head Master, John Stokes, M.C.P., and visiting Masters.

MARGATE, SURREY HOUSE SCHOOL, CLIFTONVILLE. A high-class school for boys, senior and preparatory departments, the former taught by Masters. Principal, Miss Newman.

MARGATE, SOUTHWELL HOUSE SCHOOL, GODWIN ROAD, CLIFTONVILLE. The subjects of study include a thorough grounding of the pupils in all the essential subjects of a good English education; the French, German, and Latin Languages taught if desired. The school year is divided into 3 terms, of about 14 weeks each. Fees: for boarders, from 38 to 40 guineas per annum. Principal, Edward Maltby, and assistant Masters.

MARGATE, LEO HOUSE PREPARATORY SCHOOL, ADDINGTON SQUARE. At this school pupils are qualified for admission into the Public Schools of the City of London. The year, as at the City of London School, is divided into three terms, and the fees are: board and tuition, 36 guineas per term. Principals, the Misses Ablett.

MARGATE, 42, GODWIN ROAD, CLIFTONVILLE. This is a school for little boys from 6 to 10 years of age. Terms: under 8 years of age, 40 guineas; above 8, 50 guineas per annum. The vacations consist of six weeks at Midsummer, five weeks at Christmas, and a fortnight at Easter. Principal, Miss Hill.

† MARKET BOSWORTH (*Leicestershire*), GRAMMAR SCHOOL (2nd Grade). Founded before 1528. Endowment, 1,150*l.* per annum. This school has recently been re-organised under a new scheme. There are 4 Exhibitions of 80*l.* per annum, tenable at Oxford or Cambridge, 2 Scholarships and 2 Fellowships to Emmanuel College, Cambridge, leading to 6 livings of considerable value, of which the Patron of the school has alternate presentation with that College. Head Master, Rev. Desmond W. H. Samson, M.A., Magdalen College, Oxford.

† MARKET DRAYTON (*Salop*), FREE GRAMMAR SCHOOL. Founded 1554, by Sir Rowland Hill. Endowment, 25*l.* per annum. This school has recently been re-opened under a new scheme. Instruction in Classics and Hebrew free, and in English course to day-boys paying 4 guineas per annum. There are about 40 pupils. Head Master, F. C. Woodforde, B.A., Oxon, with assistant Masters.

\* MARKET HARBOUR (*Leicestershire*), GRAMMAR SCHOOL. Founded 1614, by Robert Smyth, Chamberlain of City of London; restored 1869. Endowment, 30*l.* Governors: The Lord Mayor and Aldermen of the City of London and Local Trustees. Course of study: Preparation for the Universities, Civil Service, Professions, Locals, and for Mercantile life. The basis of general school-work are the subjects for the current year required by the Board of the Oxford Local Examiners. There are 6 Scholarships tenable at the school for 3 years, of which 3 are open to the whole school, and 3 are close. Terms: tuition fees, 12 to 18 guineas per annum, according to subjects taught; boarders (exclusive of tuition) under 12 years, 45*l.*; under 17, 54*l.* per annum. Head Master, Rev. J. Ridgway Hakewill, M.A. of Exeter College, Oxford, Science Classman.

\* MARKET RASEN (*Lincolnshire*), THE DE ASTON SCHOOL. This school is for the education of boys intended for the Professions, Commerce, or Agriculture. In accordance with the scheme prepared by the Court of Chancery, the course of teaching is arranged so as to keep this object in view. Boys are prepared for the Preliminary Examinations, for the Professions, and for the Oxford and Cambridge Local Exami-

nations. Terms: for board and tuition, 45*l.* a year. The school is divided into 3 terms. 28 pupils from this school have obtained certificates at the University Locals. 8 in honours. Head Master, Rev. Arthur Temperley, M.A., Sidney Sussex College, Cambridge, with assistant Masters.

MARLBOROUGH (*Wilts*), GRAMMAR SCHOOL (*2nd Grade*). Founded 1550. Endowment, about 248*l.* Preparative for the Universities, Marlborough, and other Public Schools. Tuition fees, from 6*l.* to 12*l.* a year. Boarding fees, 50*l.* This school is entitled, with Hereford and Manchester Schools, to 6 Exhibitions of 52*l.*, and 12 of 36*l.* 8*s.* per annum, founded by the Duchess of Somerset, tenable at Brasenose College, Oxford, for 5 years, and to certain Exhibitions, varying in number, of 50*l.* per annum, tenable for 3 years at S. John's College, Cambridge. Head Master, Rev. H. Tootell, M.A., and assistant Masters.

MARLBOROUGH, MARLBOROUGH COLLEGE. See PUBLIC SCHOOLS, Part V., page 321.

MARLOW, GREAT (*Buckinghamshire*), SIR W. BORLASE'S, THE GRAMMAR SCHOOL (*2nd Grade*). Reorganised in 1880. Pupils are prepared for the University Local Examinations, for the Preliminary Examinations of the Incorporated Law Society, the Royal College of Surgeons, the Pharmaceutical Society, etc. The school year is divided into three terms of equal length. Terms for boarders: board, 30 guineas, tuition fee, 5*l.* per annum. The following Scholarships are open to the school: 12 Foundation, tenable in the school for boys from the parishes of Great Marlow, Little Marlow, and Medmenham; 4 House of 5*l.* per annum, tenable in the school for boys under twelve; 1 of 30*l.* per annum, tenable at any place of higher education. The House Scholarships are open only to boarders. Head Master, the Rev. M. Graves (late Vice-Principal of the Diocesan School, Lincoln), assisted by competent Masters.

MARTLEY (*Worcestershire*), FREE GRAMMAR SCHOOL, Foundation unknown. Endowment, 58*l.* per annum. Instruction to 38 boys in Classics and English course. Head Master, Michael Coleman.

MARTOCK (*Somersetshire*), GRAMMAR SCHOOL. Founded 1662. Endowment, 15*l.* per annum. The endowment, together with the proceeds of sale of old buildings, is now expended in Scholarships, Prizes, etc., to children attending Public Elementary Schools within the Hundred of Martock, where religious education is provided according to the principles of the Church of England. Head Master, vacant.

MARTON (*Lancashire*). See GREAT MARTON.

\* MASHAM (*Yorkshire*), GRAMMAR SCHOOL. Founded by Isabel Beckwith, Oswald Coates, and some others, about 1735. "Endowment given as an encouragement for a person of learning to settle at Masham, and to take on him the instruction of the children of the town and parish of Masham, in such learning as might be wanted and desired." By scheme of the Court of Chancery, 1856, under which the school is now managed, the course of instruction is to be in the Principles of the Christian Religion, Greek, Latin, French, Mathematics, Algebra, Arithmetic, general English Literature and Composition, etc., and such other Languages,



Arts, and Sciences, as the Trustees may deem expedient, so as to give the boys a sound moral, religious, and liberal education. Boys are prepared for the Local Examinations of the Universities of Oxford and Cambridge, the Matriculation Examination of the London University, the Appointments of the Civil Service, the Preliminary Examinations for Law, and for the College of Surgeons, and for the various departments of Business. The Free School is now separate from the Grammar School, where there are no free scholars. Fees : for day-boys, 4 to 6 guineas ; boarders, 34 guineas per annum. The Ellerton Scholarship at the University of Durham was gained (1873) by a pupil of this school. In 1875 the following honours were gained : Open Exhibition at Oxford, of 50*l.* a year, for proficiency in Mathematics and Physical Science ; Junior Studentship at Christ Church, Oxford, awarded for proficiency in Mathematics and Physical Science, value 100*l.* a year, for 4 years. Bishop Lonsdale and Chief Justice Pollard received their early education here. Head Master, Rev. S. Crawley, M.A., late Second Master of Lincoln Grammar School, formerly Mathematical Master, and Lecturer on School Management at the York Training College.

\* **MATLOCK** (*Derbyshire*), **MATLOCK BANK COLLEGE**. At this excellent school, pupils are prepared for the Universities, Middle Class, and other Examinations, in Classics and Modern Languages, Experimental Sciences, and the usual English subjects. Accommodation for 50 boarders. Fees : for boarders, from 40 guineas per annum ; day-scholars, from 12 guineas per annum. Also a preparatory department for boys below 10 years of age. There are 3 Exhibitions of 5*l.* in books, 3*l.* in books, and 2*l.* in books. Examinations by University Examination Board and College of Preceptors. Vacations : 12 weeks ; Midsummer, Christmas, and Easter. Principals, C. Allen, B.A., and J. Allen, with 2 resident and 3 non-resident assistant Masters.

**MAUGHANBY**, near **PENRITH** (*Cumberland*), **PARISH OF ADDINGHAM GRAMMAR SCHOOL**. Founded in 1634, by the Rev. H. Mayplett. Endowment, 105*l.* per annum. Instruction in ordinary English course to about 60 children of both sexes. Examinations in December and June. Fees : 10*s.* 6*d.* and 7*s.* 6*d.* per annum. United value of Exhibition and Scholarships 40*l.* yearly. School open to the whole parish. Vacations at Christmas and Midsummer. Head Master, Jared Turnbull.

**MELBOURNE**, near **DERBY** (*Derbyshire*), **MOUNT HOUSE**. Established 1859. This is a preparatory school for boys. Instruction is given in English, French, Latin, Mathematics, and Drawing, to boarders, paying 21 to 27 guineas per annum ; and day-pupils, 3 to 6 guineas per annum. There are 10 boarders, and 10 day-pupils in attendance. Vacations, 11 weeks. Principal, F. F. Archer.

\* **MELKSHAM** (*Wilts*), **SHAW HOUSE SCHOOL**. Established 1800-10. Instruction in Classics, Mathematics, French, and German, to about 40 boys, all boarders, at from 38 to 46 guineas per annum. University Local Examinations. Principal, C. F. O'Connor, M.A., and 4 assistant Masters.

**MELROSE** (*Scotland*), **HIGHFIELD HOUSE**. Established 1870. A Classical and Commercial education, including Greek, Latin, German, French, Surveying, is given to 20 boarders, 30 day-boarders and scholars, from 9 to 16 years of age. Examination in June, by University Local Exami.



ners. Vacations: at Christmas, 2 weeks; April, 2 weeks; July to September, 10 weeks. Principal, Andrew McLellan, M.A., Edinburgh, with 2 resident and 2 visiting Masters.

MERIDEN, *near COVENTRY (Warwick)*, DARLASTON HALL. A limited number of pupils received to be prepared for the Public Schools, either for the Classical or Modern side. Inclusive terms: 100 guineas per annum. Principal, C. W. Carles, M.A., Lincoln College, Oxford, with resident Tutors.

MERTHYR, MERTHYR TYDVIL COLLEGE, PENDARRON PARK. This school is undenominational, and is divided into the usual forms—Lower, Middle, and Upper—in which pupils receive thorough elementary, advanced, and high-class education, fitting them for business pursuits, Competitive Examinations, and for the Professions and Universities. About 50 boarders and 70 day-pupils are received. Pupils are specially prepared for Open Scholarships at the Universities, the Oxford and Cambridge Local Examinations, and the Preliminary Examinations in Law and Medicine. Scholarships, Exhibitions, and Prizes are annually awarded at the Midsummer Examination. Inclusive fees: boarders, 36 guineas; day-pupils, 9 guineas per annum. Head Master, T. Fawcett, M.A., Cambridge (formerly Scholar and Exhibitioner of his College), and assistant Masters.

\* MERTON (*Surrey*), MERTON COLLEGE, CHURCH HOUSE. Pupils are prepared for the Military and Naval Schools, the Universities, the Civil Service, and the Oxford and Cambridge Local Examinations, by private agreement, according to age and requirements. The English department embraces a complete course of instruction. Vacations, about 10 weeks. Fees: for boarders, in the preparatory department, 30 guineas per annum; and in the upper school, 35 to 60 guineas per annum. Principal, A. G. De Chastelain, University of London, with assistant Masters.

¶ \* MIDDLESBOROUGH (*Yorkshire*), GRAMMAR SCHOOL, 77, GRANGE ROAD. Established 1876. Pupils prepared for the Cambridge and Durham Middle Class Examinations, Civil Service, Preliminary for Law or Medicine. The course of instruction includes English subjects generally, Latin, and Drawing. Fees, 3*l.* 4*s.* to 6*l.* 6*s.* per annum. There are about 70 pupils, none free, admitted by Principal. A limited number of boarders taken. Principal, B. Bruce-Smith, with 1 assistant Master.

MIDDLESBOROUGH, HIGH SCHOOL FOR BOYS. There are three terms in the year. Land given and school built by Sir J. W. Pease, M.P., for the benefit of Middlesborough and vicinity. 130 day-scholars; no boarders. Fees from 7*l.* 10*s.* to 9*l.* 15*s.* per annum. Head Master John Sewell, B.A., London.

† MIDHURST (*Sussex*), FREE GRAMMAR SCHOOL (2*nd* Grade). Founded in 1672, by Gilbert Hannam. Endowment, 30*l.*, with house. This school is now in abeyance, but will shortly be opened under a new scheme, when a Head Master will be appointed.

MIDLETON (*Cork*), MIDLETON COLLEGE. Founded 1696. Endowment, 180*l.* per annum. This college is perhaps the oldest, as it is one of the most distinguished and successful, educational establishments in the south of Ireland. It is healthfully situated in the midst of extensive

grounds of 17 acres, containing large garden and cricket fields. Instruction in Classics, Mathematics, English, French, German, Hebrew, etc. Preparation for Woolwich, Sandhurst, etc., to 100 boys, 6 of whom are free; 60 are boarders, at 60*l.*, and remainder day-pupils, at 10*l.* per annum. Has 1 Exhibition of 30*l.*, and 1 of 20*l.* per annum, tenable in Trinity College, Dublin. Head Master, A. A. Burd, B.A., Ex-Scholar; Classical Gold Medallist; First Prizeman in English Literature, Modern Languages, and Hebrew, T.C.D., and 6 assistant Masters.

\* MIDDLETON, *near MANCHESTER (Lancashire)*, QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded A.D. 1572, by Alexander Howell, D.D., Dean of S. Paul's, London, in connection with Brasenose College, Oxford. The course of instruction pursued includes English subjects generally, with French, Drawing, and Natural Science, the Classics and Mathematics, and is such as to prepare youths for Business, the Professions, or the Universities. Pupils are prepared for the Oxford and Cambridge Local, for the Government Art and Science, for the Preliminary Medical, Legal, and other Examinations. There are 2 Scholarships of 20*l.* a year each, with other advantages, appropriated to pupils of this school proceeding to Brasenose College, Oxford. The Head Master receives a limited number of boarders. Head Master, Rev. J. Jelly, M.A., Graduate in Honours, Trinity College, Cambridge.

\* MILDENHALL (*Suffolk*), SIR CHARLES BUNBURY'S SCHOOL. Established 1877. Instruction in English course, with Latin, French, etc., to 70 pupils, admitted from 7 years of age. Fees: for boarders, 20*l.* per annum; day-pupils, 30*s.* per annum. Examinations in March. Vacations, 8 weeks. Principal, J. L. Saxton, and 1 assistant Master.

\* † MILTON-NEXT-GRAVESEND (*Kent*), PARK HOUSE SCHOOL. Established 1841. There are 3 departments in the school: the Lower, Middle, and Upper; and facilities are afforded for preparing pupils for the various Examinations, such as the Oxford and Cambridge Locals, the Civil and Indian Civil Service, and Matriculation at the London University. There are about 100 pupils, who pay annually as follows: Full boarders, 33, 36, and 39 guineas each; day-pupils, 6, 8, 10, and 12 guineas each. Vacations, 12 weeks in the year. Principal, Edwin Savage, with 4 resident and 3 non-resident assistant Masters.

MILTON ABBAS (*Dorset*), GRAMMAR SCHOOL. Founded 1520, by William Middleton. Endowment, 150*l.* per annum and house. This school is now closed for the present.

MILFORD HAVEN (*Pembrokeshire*). A limited number of pupils are instructed in the usual branches of a liberal education, including Classics, Mathematics, Modern Languages, and English. The terms for boarders are moderate. The school is in a healthy sea-side situation. Principal, the Rev. James Boaden, M.A.

MIRFIELD (*York, W.R.*), GRAMMAR SCHOOL (3rd Grade). Founded A.D. 1667, by Richard Thorpe; re-opened under new scheme, as a Middle Class School, A.D. 1868. Endowment, 208*l.* per annum. This school offers a good sound education to the upper and middle classes. The course of instruction pursued is such as prepares boys either for Business or Profession, with Modern Languages, Chemistry, etc. The school year is divided into 4 terms. Average number of pupils, 50. Fees: 4*l.* to 6*l.* per annum; no extras except Music. Vacations, 9 weeks

in the year. There are 10 free scholars, children of respectable parents, having resided at least one year in the parish of Mirfield. Head Master, George Green, with 2 assistant non-resident Masters.

\* **MIRFIELD, WELL HOUSE SCHOOL. MORAVIAN BOARDING SCHOOL FOR BOYS.** Established 1801, and carried on by the Moravian Church, or Protestant Episcopal Church of the United Brethren. Instruction is given in the ordinary English course, together with Latin, French, German, and Greek, to about 35 pupils. Fees: for boarders, 30 to 32 guineas; day-pupils, 10 guineas. Age for admission, 7 to 16 years. Constant and judicious supervision is a chief object in the school training. Examinations by Principal, and by Deputation from Directing Board of Moravian Church. Vacations: 4 weeks at Christmas; 5 at Midsummer. Principal, Rev. John D. Libbey, with 3 resident assistant Masters.

**MITCHAM (Surrey), THE POPLARS.** Established 1826. Pupils receive a general English education, with preparation for the various Preliminary Examinations, Army, Legal, Medical, etc.; Latin, Greek, French, etc., taught to about 40. Boarders and daily boarders admitted from 8 years of age. Vacations: about 13 weeks. Head Master, Albert Grover, with resident English and French visiting Masters.

**MISBOURNE, CHARLFONT ST. GILES, SLOUGH (Buckinghamshire).** Preparatory school for Eton. A very limited number of resident pupils (between the ages of 9 and 14) are prepared for Eton and the other Public Schools. The terms are 150 guineas per annum each. Vacations, the same as at Eton. Principal, C. H. Fenn, M.A., Trinity College, Cambridge, with resident Tutors.

**MONAGHAN (Ireland), MONAGHAN COLLEGIATE SCHOOL** (formerly the Diocesan School). The course of instruction embraces a thorough preparation for University, Civil Service, Intermediate, and all Public Examinations. and a complete training for commercial and general pursuits. Fees: for board and tuition, 35*l.* per annum; tuition only, 8*l.* Head Master, R. C. MacCulloch, B.A.

\* **MONMOUTH (Monmouthshire), GRAMMAR SCHOOL.** Founded 1614. Endowment, 3,000*l.* per annum. Classical School, 112 boys from 8 years old, natives or residents of England or Wales. Capitation fee, 1*l.* 10*s.* per quarter. Boarders and day-scholars. Subjects taught: Classics, Mathematics, French, German, Chemistry, Natural Science, Drawing, and English. 2 Exhibitions at the School, 15*l.* per annum each. Commercial School, 143 boys from 8 years old, natives or residents of Monmouthshire, Herefordshire, or Gloucestershire. Capitation fee, 10*s.* per quarter. Boarders and day-scholars. Subjects taught: English, Mathematics, Chemistry, Natural Science, French, and Drawing. 1 Exhibition at the school, 10*l.* per annum. Open to either school, 4 Exhibitions to any College, Hospital, or Public Institution, 50*l.* per annum each, 1 of which may be increased to 60*l.* Examiners must be M.A.'s, of Oxford or Cambridge. Vacations, about 11 weeks. Head Master, the Rev. C. M. Roberts, B.D.; Lower Master, William Pitt, and 12 assistant Masters.

**MONK'S KIRBY (Warwickshire), GRAMMAR SCHOOL.** Founded 1625, by Thomas Wale. Endowment, 30*l.* per annum. Instruction in Latin and English course to 37 Foundationers and 38 others. Head Master, E. Colban.

MONKWEARMOUTH. See SUNDERLAND.

MONTROSE (*Scotland*), MONTROSE ACADEMY. This school is under the management of the Montrose (Burgh) School Board. The "Grammar School," Montrose, was in existence in 1326; how long before is unknown. Endowment, 180*l.* 340 pupils are in attendance. The fees are very moderate. There is 1 Scholarship of 20*l.* a year, tenable for 3 years. Examinations at Midsummer, and by a Professor of the University usually. Vacations: 7 weeks at Midsummer; 10 days at Christmas. Rector, C. B. Smith, with 7 assistant Masters.

MOSELEY, *near* BIRMINGHAM (*Worcestershire*), GREENHILL SCHOOL. This school is designed to prepare pupils for the Classical and Modern Departments of the Public Schools, and the usual branches of a high-class English education, with Latin, Greek, French, and Mathematics, are taught. The year is divided into 3 terms; the holidays being 4 weeks at Christmas, 3 at Easter, and 7 in the summer, commencing at the end of July. The school fees are, for board and tuition, 60*l.* per annum. Principal, E. May Davis, B.A., assisted by resident and non-resident Masters.

\* MOSELEY, *near* BIRMINGHAM, ARNOLD SCHOOL, MOSELEY ROAD. The curriculum of study comprises the following branches: Classics, Mathematics, Modern Languages, English, and Science. Pupils prepared for the Public Schools, for the Oxford Middle Class Examinations, and for Professional and Mercantile pursuits. There is a Junior Department for beginners. The year is divided into 4 terms. Vacations, 12 weeks. The school fees, for day-pupils, 4 to 12 guineas per annum; for boarders, 24 to 36 guineas per annum. Principal, Joseph G. Bullivant, M.C.P., assisted by qualified Masters.

MOSELEY, *near* BIRMINGHAM, MOSELEY SCHOOL. Established about 1820. The course of instruction includes all English subjects, Latin, Greek, French, Chemistry, Drawing, Music, Mathematics, Euclid, Algebra, etc. There are 30 boarders, and 30 day-pupils. Boys are admitted when they can read, write, and sum a little. Terms: for boarders, from 30 to 40 guineas per annum; day-pupils, 6 to 10 guineas per annum. Examinations at Christmas and Midsummer, conducted by the Masters. Vacations, 12 weeks in the year—Midsummer and Christmas. Principal, H. Smith, with 2 resident and 3 non-resident assistant Masters.

MOTTRAM-IN-LONGDENDALE, *near* MANCHESTER (*Cheshire*), THE GRAMMAR SCHOOL. Founded in 1612, by Robert Garsett. Endowment, about 120*l.* Instruction in the English and Commercial course, but about to be changed. About 25 pupils in attendance, admitted at any age by Head Master. No special qualifications necessary. Examinations yearly by appointment of Trustees. Vacations, about 10 weeks. Head Master, W. F. Norman.

\* MOULTON, *near* SPALDING (*Lincolnshire*), GRAMMAR SCHOOL (3rd Grade). Founded 1560, by John Hanox. Endowment, about 700*l.* There is an Upper and Lower School. The course of instruction includes Classics, Mathematics, French, and English course. Number of pupils: about 30 in Upper School—100 in Lower. 8 may be free, and 2 of these may have free board in addition, this being paid for by Trust. Day-scholars,



5*l.* ; boarders, about 40*l.* Pupils admitted at age of 7 by Head Master ; 4 of the free boys must have been educated for 2 years at Public Elementary School in district of Moulton. There is an Exhibition of 50*l.* yearly, tenable anywhere ; and 2 rewards of 5*l.* each to boys in school yearly. Examination once a year, by Examiner appointed by Trustees. Vacations, about 13 weeks. Terms are kept. Head Master, Rev. Fredk. Hall, M.A., Cantab.

MORLAND (*Westmoreland*), GRAMMAR SCHOOL. Founded 1780. Endowment, 30*l.* The school is open to the children of the township of Morland.

\* † MORPETH (*Northumberland*), GRAMMAR SCHOOL (*2nd Grade*). Founded 1552, by Edward VI. Endowment, 477*l.* per annum. Instruction to 66 boys in Classics, Mathematics, French, German, and English course. Preparation for the Universities and University Local Examinations. The Governors apply a sum of 100*l.* yearly in maintaining Scholarships tenable at the school by boys residing in the parliamentary borough of Morpeth. They also apply a sum of 90*l.* yearly in maintaining 3 Exhibitions, each of the value of 30*l.* yearly, tenable at one of the Universities of the United Kingdom or the Newcastle-on-Tyne College of Physical Science or any place of higher education appointed by the Governors, and to be competed for by boys who are being and have for not less than two years been educated at the school. The quarters begin—1st January, 1st April, 1st July, and 1st October. The terms for boarders (in addition to the tuition fees of 5 guineas per annum) are 30*l.* per annum. Head Master, W. Davidson, B.A., with assistant Masters.

† MORPETH, S. GEORGE'S PRESBYTERIAN SCHOOL. Is managed by the office-bearers of the English Presbyterian Congregation, and is under Government inspection. Education in the higher English subjects, and in Languages and Mathematics, is provided, and pupils have passed the University of Durham Middle Class Examination. Vacations, 7 weeks. Principal, James Fergusson, with several assistant Masters.

MORLEY. See DERBY.

\* \* MUSSELBURGH (*Scotland*), LORETTO SCHOOL. Established 1829. This school is conducted on Public School principles. The Classical side prepares boys for the English Universities—mainly for Oxford. The Modern side, under English graduates, qualifies for Commercial life. The school is also quite fitted for preparing boys of exceptional ability for competitive appointments ; but the overwork, which is in most cases necessary for success, is discouraged by the school system. Terms : for the Classical side, from 90 to 116 guineas, according to age on joining the school ; for Modern side, 116 guineas. Entrance fee, 5*l.* Number of boys at present 115, all boarders. Great prominence is given to systematic Physical Education and to Choral Singing. The summer holidays coincide with the months of August and September. There are also holidays, amounting together to about 5 weeks, at Christmas, and at the end of April. Head Master, Hely Hutchinson Almond, M.A., Oxon ; Vicegerent, Rev. C. H. Cotes, M.A., Oxon, and 7 other assistant Masters, University and Public Schoolmen. There are also two resident Music Masters, and a resident Gymnastic Instructor.



## N.

NAIRN (*Scotland*), ROSE'S ACADEMICAL INSTITUTION. Founded 1832. Endowment, 125*l.* per annum, with house. Instruction to 90 boys from 9 years, chiefly day-pupils, paying small fees, in Classics, Mathematics, English in all its branches, French, German, etc. Bursary of 20*l.* for College, tenable for 3 years. Edinburgh University Local Examiners. Vacations, 8 weeks. Principal, William Falconer, Rector, and 2 non-resident assistant Masters.

NAVAN (*Ireland*), NAVAN COLLEGE. This school was founded in 1685. Head Master, the Rev. J. B. Keene, M.A.; second Master, H. de Vere White.

\* † NANTWICH (*Cheshire*), GRAMMAR AND BLUE-CAP SCHOOL. Founded 1611, by John and Thomas Thrush. Endowment, 30*l.*, with house. A good Classical or Commercial education, with thorough grounding in all necessities, is imparted. Boarders' fees: 40 and 50 guineas per annum each. Head Master, Jermyn S. Hirst, B.A.

\* † NARBOROUGH (*Leicestershire*), NARBOROUGH SCHOOL. Preparation for the University Local Examinations, and a sound course of general education, is given at this school, to boarders and day-scholars, on moderate terms. Principal, James Howard, with several assistant Masters.

NEATH, ACADEMICAL SCHOOL, 4, RUGBY STREET. The school is established to provide a sound and liberal education at a moderate cost. Principal, J. Swift Humphrey, M.C.P., C.M.

NEEDHAM MARKET (*Suffolk*), THEOBALD'S ENDOWED GRAMMAR SCHOOL (3rd Grade). Founded 1632. Endowment, 73*l.* per annum. Instruction is given in Divinity, Classics, Mathematics, English, Chemistry, Natural Philosophy, French, and Drill, to about 25 pupils. Fees: for boarders, 31*l.*; and day-boys, 6*l.* per annum each. Pupils are also prepared for the London University, Matriculation and Preliminary Scientific Examinations. The fee for such pupils is 56 guineas per annum. Head Master, R. Hall, B.A., First Class and Honours, with 2 resident assistant Masters.

† NETHERBURY (*Dorset*), BEAMINSTER AND NETHERBURY GRAMMAR SCHOOL. Founded 1565. Endowment, 147*l.* per annum, with house. Instruction in Latin and English course with Science. Head Master, C. G. Purkis.

† NETHERTHORPE STAVELEY (*North Derbyshire*), GRAMMAR SCHOOL. Founded 1572. Endowment, 30*l.* per annum. School has been in abeyance nearly 30 years; just re-commencing. Head Master, Francis A. Turner.

NETHER KNUTSFORD. See KNUTSFORD.

NETLEY (*Hampshire*), ARMY MEDICAL SCHOOL. See Military Schools, Part IV., page 226.

NEWARK-ON-TRENT (*Nottinghamshire*), THE ENDOWED SCHOOL. Founded 1529. Endowment, about 450*l.* The Charity Commissioners

are at present dealing with this school, and there is a prospect of several open Exhibitions being established. Instruction is given in Classical and General Literature, Mathematics, and English in all its branches, with Modern Languages. There are 124 scholars in attendance, 51 of whom are day-pupils. Vacations, 14 weeks. Head Master, the Rev. Herbert Plater, M.A., with 7 assistant Masters.

\* \* NEWBURY (*Berks*), ST. BARTHOLOMEW'S GRAMMAR SCHOOL. Founded by King John in 1216. Endowment, 170*l.* per annum, with residence. The instruction given is Classical and Mathematical, including Modern Languages and English. The school is examined annually by the Oxford and Cambridge Schools Board. Vacations, 13 weeks. Among the changes under the new scheme is the abolition of the whole mode of electing free scholars by the votes of the trustees, and the substitution of scholarships to be gained through competitive examinations. Head Master, Rev. J. Atkins, M.A., LL.B., and assistant Masters.

NEW BARNET. See BARNET.

\*\*\* NEWCASTLE-UNDER-LYNE (*Staffordshire*), HIGH SCHOOL (*3rd Grade*). Founded 1602. Endowment, 2,500*l.* a year for high school, middle school, and girls' school combined. In March 1872, Her Majesty's consent was given to a scheme framed by the Endowed School Commissioners for the Endowed Schools of Newcastle-under-Lyme. By this scheme were amalgamated the ancient charities of R. Cleyton (1602), W. Cotton (1609), J. Cowell (1655), T. Bagnall (1674), and the Rev. E. Orme (1704), and the Governors were directed to open 3 schools. The Newcastle high school may be defined as a First Grade Semi-Classical Public School. Instruction is given in Latin, English, Natural Science, Mathematics, Drawing, French, for all; Greek and German for some boys. Special attention to Science, particularly Practical Chemistry, and to Art; or in the ordinary school course, instruction is given in English, French, Latin, Geography, History, Political Economy, Mathematical and Physical Science, and Drawing. 140 (30 boarders) pupils are in attendance, of these 6 are free. Fees: for tuition, 12 guineas per annum each; boarding fee, 50*l.* per annum each. Pupils admitted at the age of 8 years, by entrance Examination by Head Master. Half the scholars are elected by competition out of middle school, or some foundation, rest by open competition. Exhibition for Natural Science and Mathematics, tenable at University, of 50*l.* per annum. 2 Art Exhibitions tenable at any Academy or School of Art, 30*l.* per annum; founded by Mr. Mayer. There are 3 terms. Vacations, 14 weeks in the year. Head Master, F. E. Kitchener, M.A., LL.M., F.L.S., with 7 resident and 1 non-resident assistant Masters.

NEWCASTLE-UNDER-LYNE, ENDOWED MIDDLE SCHOOL (*3rd Grade*). Founded 1704, with a rich endowment. A middle-class education is given to 180 day-pupils, paying 4 guineas per annum (20 Exhibitioners), admitted from 8 years of age. The school is divided into an upper school for boys, called the "High School," a lower school for boys, called the "Middle School," and a school for girls, called the "Orme Girls' School." The middle school was opened September 1872, and all the schools are now in operation. In the middle school the object is to give a good middle-class education, fitting boys to enter Business, the Civil Service, and the Professions. The scheme provides for 2 classes of

Exhibitions, freeing the holders from payment of tuition fees. One-half of such Exhibitions is confined to the Public Elementary Schools of Newcastle, but the other half is open to all comers. If the funds suffice, one-fourth of the whole school may be free. The scheme also provides, that of the whole number of the free Exhibitions to the high school, not less than one-third, nor more than one-half are to be held by boys from the middle school. Head Master, D. B. Hurley, M.A., with 7 resident assistant Masters.

\* NEWCASTLE-UPON-TYNE (*Northumberland*), ROYAL GRAMMAR SCHOOL. Founded A.D. 1533. Incorporated by Royal Charter, 1601. Rebuilt 1870. Governors, the Mayor and Corporation. In addition to the usual English course of education, special attention is given to Modern Languages and Mathematics. There are 350 pupils in attendance. Tuition fees : 9*l.* ; and boarders, 45 guineas per annum each. There are 7 Exhibitions of 10*l.* a year each, tenable at the school. 1 Scholarship of 70*l.* a year and 3 of 40*l.* a year each, tenable at either University, and joins with Durham Grammar School in 2 Exhibitions of 25*l.* a year each at either University, and 1 of 16*l.* a year at Cambridge. Head Master, S. C. Logan, M.A., late Scholar of St. John's College, Cambridge, with 12 assistant Masters.

\* NEWCASTLE-UPON-TYNE, PERCY STREET ACADEMY. Established 1806. Instruction is given in all those departments of Literary and Scientific acquirement, a knowledge of which is essential to the successful pursuit of Commercial Enterprise, or the honourable discharge of Professional avocations, to 160 scholars, chiefly day-boys, at 4 to 24 guineas per annum each, in Classics, Mathematics, French, German, Chemistry, etc. Fees : boarders, 30 to 40 guineas per annum. University Local Examinations. Head Master, the Rev. Gilbert Robertson, M.A., with 4 resident and 6 non-resident Masters.

\* NEWCASTLE-UPON-TYNE, NEWCASTLE MODERN SCHOOL, 6, 7, and 8, RAVENSWORTH TERRACE. SUMMERHILL GROVE. Founded in 1873. 109 pupils are in attendance, 19 of whom are boarders. Ages range from 6 to 16 years. There are 6 classes in separate school rooms. Pupils are prepared for the University Local Examinations, and have hitherto been very successful. The chief object aimed at in this establishment is to combine construction in the usual branches of a liberal English education with a thorough study of the French and German Languages. Principal, H. W. Ehrlich, M.A., Ph.D., with 9 assistant Masters.

NEWCHURCH-IN-ROSSENDALE (*Lancashire*), GRAMMAR SCHOOL. Endowment, 67*l.* The education is intended to fit pupils for commercial life. Boarders pay 45*l.* a year, and day-pupils are received. Head Master, R. W. Hay, B.A., Cantab.

¶ NEWENT (*Gloucestershire*), GRAMMAR SCHOOL. Established 1867, Intended first as a Public School, but from the want of support as such, carried on as a private school on Public School principles. The instruction is Classical and Commercial, and includes Greek, Latin, French, German, and English. Book-keeping, Land-Surveying, Chemistry, Natural Philosophy, Drawing, etc., are also taught. 50 to 60 pupils are now received, but when the new buildings are complete, there will be accommodation for 100. Boarders pay 30 guineas with extras, and day-scholars 6 guineas with extras, per annum. Pupils are admitted

about 8 years of age: Vacations, 12 weeks in the year. Head Master, Rev. Joseph White, of S. Nicholas College, Sussex, with 2 resident and 2 non-resident assistant Masters.

NEWHAVEN (*Sussex*), THE NEWHAVEN GRAMMAR SCHOOL (*late ALBERT SCHOOL, near HASTINGS AND ST. LEONARD'S*). Established in 1862. Pupils are prepared for the University Local, School of Art, and other Examinations. Principals, W. C. Leaver and Rev. F. Leaver, with a staff of assistant Masters.

NEW MALDEN, ALBION HOUSE SCHOOL, SYCAMORE GROVE. Pupils are prepared for the Entrance Examination at the Public Schools, for the Oxford and Cambridge Local Examinations, and for the active duties of Professional, Agricultural, or Commercial life. The school year is divided into three terms. Fees: day-pupils under 10 years of age, 8 guineas per annum; boarders, 38 guineas per annum. Principal, Mrs. Streeter.

NEWPORT (*Essex*), FREE GRAMMAR SCHOOL (*3rd Grade*). Postal address, Bishop's Stortford. Founded 1586, by Joyce Frankland. Endowment, 650*l.* per annum. The course of instruction comprises the usual elementary education, English Grammar, Composition, and Literature, French and German, or Latin, or any 2 of those Languages, History, Geography, Natural Science, Book-keeping, Drawing, and Vocal Music. There are no free scholars. School accommodation for 20 boarders and 40 day-scholars. Pupils admitted at the age of 7. There are several Exhibitions of not less than 60*l.* per annum each. Entrance fee about 1*l.*; tuition fees, 3*l.* to 6*l.* per annum; boarding fee, 35*l.* per annum. Examinations annually by Dr. Guest, Master of Gonville and Caius. Head Master, W. Waterhouse, M.A.

\* NEWPORT (*Salop*), LATIN SCHOOL (*2nd Grade*). Founded 1556, by W. Adams. Endowment, 1,000*l.* per annum. Instruction in Classics, Hebrew, French, Mathematics, and English course, to 80 Foundationers. 4 Exhibition of 22*l.* 10*s.* per annum, tenable at Oxford or Cambridge, and is one of the 6 schools with right of competing for 4 Careswell Exhibitions of 40*l.* per annum, tenable for 10 years at Christ's Church, Oxford, and for one prize of 100*l.* Head Master, Thomas Collins, M.A., Cantab., with assistant Masters.

\* NEWPORT (*Monmouthshire*), HOLFORD HOUSE, STOW HILL, CLASSICAL AND COMMERCIAL TRAINING SCHOOL. Established 1864. Pupils are prepared for the Oxford and Cambridge Middle Class Examinations, and for Professional and Business life. English in all its branches taught, with Latin, Greek, French, and German. Terms: 25 guineas per annum for boarders; day-pupils, 5 to 6 guineas. Principal, J. Ware, with assistant Masters.

† NEWPORT, COLLEGIATE SCHOOL. This school is in union with the College of Preceptors. Principal, F. R. Chandler.

\* NEWPORT, THE CLYTHA COLLEGIATE SCHOOL, CLYTHA SQUARE. The course of instruction comprises a liberal education. Fees: 33 to 36 guineas per annum. Principal, the Rev. T. Mortimer Green, University of London, with assistant Masters.



NEWPORT (*Isle of Wight*). See ISLE OF WIGHT.

NEWRY (*Ireland*), THE NEWRY COLLEGIATE SCHOOL. Established 1830. Pupils are prepared for the University, Military, Civil Service, and other Public Examinations, and for Commercial life. There are 4 school terms in the year. Vacations, 6 weeks at Midsummer, 3 at Christmas, and a few days at Easter. There are 10 boarders paying 35 to 42 guineas per annum; and 20 day-pupils, terms, 7*l.* to 12*l.* per annum. Pupils admitted at 10 years of age. Principal, Thos. Adair, A.B., Q.U.I., with 2 resident assistant Masters.

NEWTON ABBOT (*South Devon*), NEWTON COLLEGE. NEWTON COLLEGE COMPANY. Established 1863. President, Earl of Devon. At this school, to which is attached a chapel, gymnasium, bath, etc., and situated in 20 acres of playing fields, education is provided for the sons of gentlemen, following as much as possible the Public School system. About 170 pupils in 1879, of whom boarders pay 60*l.* to 80*l.*, and day-pupils 17*l.* 10*s.* to 22*l.* 10*s.* per annum each. Scholarship Examinations, one 60*l.*, one 50*l.*, two 40*l.*, four 30*l.*, four 20*l.* Two specially given for Army candidates in 1885. 2 Exhibitions of 20*l.* each, with others of smaller amount, are annually competed for, 400*l.* being yearly given in Scholarships. Examiners from Oxford or Cambridge. Vacations, 14 weeks. At this school there are special advantages in low terms for sons of the clergy and officers in Army and Navy. Head Master, the Rev. G. Townsend Warner, M.A., with 10 resident and 6 non-resident Masters.

\* NEWTON STEWART (*Scotland*), THE EWART HIGH SCHOOL. Founded to enable the upper and middle classes to obtain for their sons the advantages of a Classical, Mathematical, and Commercial education of the first class, at a moderate expense, the whole amount of the endowment being to save parents in fees. The course of instruction is such as to prepare for the Universities, the Examinations for the Public Service, or the pursuits of general Business. In the upper department of the school, written Examinations are held monthly. In Edinburgh University Examinations, the number of certificates gained, in 3 consecutive years, is 26, more than half the number gained by *all other schools* in Scotland and Northern England. The Head Master receives a limited number of boarders, who are treated in all respects as members of his family. Terms: for board and education in all classes of the institute, up to 10 years of age, 40*l.* to 50*l.* per annum. Head Master, John St. Clair, University of Edinburgh, F.R.G.S., assisted by a staff of experienced Teachers.

NEWTON-LE-WILLOWS (*Lancashire*), HIGH SCHOOL. The course of instruction embraces Latin, Greek, French, German, English, Arithmetic, Algebra, Drawing, etc. Terms: for boarders, 50 to 60 guineas per annum; for day-pupils, 12 to 15 guineas per annum. Head Master, the Rev. Charles Cotterill Ward, M.A., with 3 assistant Masters.

NEWTOWN (*Montgomeryshire*), THE GRO'. A limited number of pupils are received and prepared for the University or Professional life. Subjects of instruction are, Latin, Greek, Mathematics, English, French, German, Chemistry, Music, and Drawing. Terms: for boarders, 60 to 120 guineas per annum; day-pupils, 20 guineas per annum. The year



is divided into 3 terms, each lasting 13 weeks. Principal, Thomas Williams, M.A., LL.M., of Sidney Sussex College, Cambridge, Graduate in Mathematical Honours.

† NEW QUAY (*Cornwall*), NEW QUAY GRAMMAR SCHOOL. Established 1875. The course of instruction is the usual curriculum of Grammar Schools, with special attention to English Language and Literature. There are 42 pupils in attendance. Vacations, 12 weeks. Head Master, the Rev. J. Tounsell-Mugford, B.A., with 2 assistant Masters.

NORMANTON (*Yorkshire, W. Riding*), FREE GRAMMAR SCHOOL. Founded temp. Queen Elizabeth, by John Freeston. Endowment, 10*l*. Funds applied to an Elementary English School. Head Master, J. Abbott.

† NORTHALLERTON (*Yorkshire*), GRAMMAR SCHOOL. Foundation unknown. Endowment, 18*l*. per annum. Instruction to 4 free scholars, and 26 others, paying 3*l*. per annum, for English course, with Latin if required. "The Trustees of Kettlewell's Charity are empowered to apply a portion of the income in the maintenance at the Universities of a youth from Northallerton or Brompton." No scholar has been so aided from this charity for many years. School in abeyance.

\* † NORTHAMPTON (*Northamptonshire*), ABINGTON HOUSE SCHOOL. Established 1856. Instruction in Classics, French, German, Mathematics, etc., to 130 boys, of whom 100 are boarders, at 30 to 40 guineas; and 30 are day-pupils, at 10 guineas per annum. Examiners, University Local, at which 327 certificates, 122 in honours, had been gained by pupils up to 1873. Principals, William Kingston, and the Rev. James Philips, M.A., and 7 assistant Masters.

\* NORTHAMPTON, S. ANDREW'S VILLA. Pupils prepared for the Universities, the London Matriculation, and other Examinations. Number limited to 12 boarders, and a few day-boarders. 49 certificates have been gained at the University Locals by pupils from this school, up to 1873, 30 in honours. Vacations, 12 weeks. Principal, Frank S. Durham, M.A., London, assisted by resident and visiting Masters.

NORTHAMPTON, CLIPSTONE HOSPITAL SCHOOL. Founded 1667, by Sir G. Buswell. Endowment, 380*l*. per annum, shared in by Hospital for 12 poor persons. Instruction in English course (and Latin to those who desire it) to 40 boys. all free. Vacations, 10 weeks in the year. Principal, the Rev. W. F. Boyd, M.A., and 1 assistant Master.

\* † NORTHAMPTON, FREE GRAMMAR SCHOOL (*1st Grade*). Founded 1542, by Thomas Chipsey. Endowment, 93*l*. per annum. Sound instruction is given to about 150 pupils, in Classics, Mathematics, and English course. Head Master, the Rev. S. J. W. Sanders, M.A., with several assistant Masters.

\* NORTHLEACH, *near* CHELTENHAM (*Gloucester*), NORTHLEACH GRAMMAR SCHOOL. Founded 1559. Reorganised in 1877. Endowment, 660*l*. All boys are required to enter for the Oxford Local Examinations, unless their parents object, and boys should be kept at school long enough to pass the Senior Examination. Attached to the school is an Exhibition to Pembroke College, Oxford, worth about 90*l*. per annum, with rooms rent free, and tenable for 4 years. The

Governors have also established a Boarding Scholarship of 10*l.* per annum, tenable by boarders at the school. Terms : 30 guineas per annum. Head Master, Frederick Godwin, A.K.C., with assistant Masters.

\* NORTHWOOD, *near HANLEY (Staffordshire)*, NORTHWOOD CLASSICAL AND COMMERCIAL ACADEMY. Established 1852. Pupils instructed for Professional or Commercial pursuits, and for the Public Schools, and also for the University Local, Pharmaceutical, and other Examinations; the Classical and Modern Languages, Drawing, Book-keeping, the Mathematics, and the Natural Sciences, especially Chemistry, receive that attention which their importance in the present day demands. There are about 40 pupils. Examinations once a year. Boarders pay 25 to 40 guineas per annum; day-pupils, 4 to 8 guineas per annum. Head Master, C. Alfieri, and resident assistant Masters.

NORTH WALSHAM (*Norfolk*). See WALSHAM, NORTH.

NORTON (*Derbyshire*), FREE SCHOOL. Founded 1654. Endowment, 115*l.* per annum, for teaching poor children of the parish, in English and Writing, and also in the Grammar and other rudiments and accidents. It is a mixed Elementary School, recently placed under Government Inspection. Certificated Master, Joseph Birtles.

† NORTON (*Durham*), FREE GRAMMAR SCHOOL. Founded 1150. Endowment, 44*l.* per annum, with house. Instruction to 20 boys (6 on foundation in English course, with Latin, French, and German, if required. Head Master, the Rev. E. Balshaw, B.A.

NORTON, KING'S. See KING'S NORTON.

\* \* NORWICH (*Norfolk*), KING EDWARD VI. GRAMMAR SCHOOL. Founded 1547, by Edward VI. Considerable Endowment. This is a First Grade School, and it affords instruction to over 100 boys, in Classics, French, German, Mathematics, etc., of whom about 60 are day-boys (none free), paying 16*l.* 10*s.* per annum. There is also a special Scientific Department. Has some Exhibitions of about 30*l.* per annum, tenable at the Universities, and there are some Scholarships of no great value at Corpus Christi College, Cambridge. Examined by the Oxford and Cambridge Schools Examination Board. The following distinguished persons were educated at this School: Archbishop Matthew Parker, Bishop Cosin, Lord Chief Justice Coke, Bishop Monk, Lord Nelson, Sir William J. Hooker, Rajah Brooke. Vacations, 13 weeks. Head Master, the Rev. O. W. Tancock, M.A., with 9 assistant Masters.

\* NORWICH, KING EDWARD VI. MIDDLE SCHOOL. Established by Court of Chancery, 1862, in connection with the Grammar School, with which it shares an endowment of about 1,000*l.* Provides middle-class education, Latin, French, Mathematics, Science, and English subjects generally, to about 300 pupils, all day-scholars, paying 6 guineas per annum each. Pupils admitted from 8 years of age. 328 pupils from this school have gained certificates at the University Locals up to 1881, 143 in honours. Vacations, 11 weeks in the year. Head Master, T. Richmond Pinder, LL.B., B.A., with 10 assistant Masters.

NORWICH, UPPER HELLESDON, THE PARSONAGE. Three or four pupils are prepared for the Universities, the Army, Civil Service, or other

pursuits. The house is well situated about a mile from the city of Norwich. Terms: 14 guineas per month, payable monthly. Principal, Rev. Charles A. Hope, B.A., Graduate in Mathematical Honours, and late Exhibitioner of St. John's College, Cambridge, Curate of Hellesdon, W. Drayton, Norwich. Special Masters are engaged for French and German.

\* NORWICH, OPIE HOUSE SCHOOL, S. CLEMENT'S. Established 1826. Preparation for University Local Examinations. 30 boarders and 40 day-scholars. Terms: boarders, 25*l.* to 30*l.* Head Master, A. J. Codling, and 4 assistant Masters, 2 of whom are resident.

NORWICH, ALDERMAN NORMAN'S SCHOOL. Founded 1720, by John Norman. Endowment, between 700*l.* and 800*l.* per annum. Instruction to about 100 boys, all of kin to the founder, in English Commercial course. The Trustees have power to send 1 boy out of 15, as a Sizar, to Cambridge, with an allowance of 30*l.* per annum, for 6 years. Head Master, Joseph B. Brown, with several assistant Masters.

\* NORWICH, GREYFRIARS COLLEGE, OLD BANK HOUSE. Established 1869. The aim of this establishment is to provide a thorough English, Mathematical, and Classical education for boys, fitting them for Professional or Commercial life. Pupils are prepared for the Cambridge Local and College of Preceptors Examinations. The course of instruction embraces English subjects, Mathematics, French, Latin, Drawing, and Singing. There are 160 day-pupils and 15 boarders in attendance, admitted from 8 years old. There are 4 Examinations in the year. Vacations, 7 weeks. Fees: for tuition in Junior Department, 3*l.* per annum; Middle Department, 3*l.* 10*s.* per annum; Senior Department, 4*l.* per annum. Principal, Alexander Lowe, with 6 assistant Masters.

\* † NORWICH, THE ACADEMY. Preparation for the University Local and other Examinations. Principal, J. W. Dowson.

NORWOOD. See LONDON, S.E. DISTRICT.

NOTTINGHAM, UNIVERSITY COLLEGE. The circumstances under which this college has been built is eloquently explained by His Royal Highness the Duke of Albany, who opened the college in 1883, and the educational machinery of Nottingham may now be said to be complete. For the last seven or eight years lecturers from Cambridge have had crowded audiences at Nottingham, Government science classes have also been carried on there with much success, and the town has for a considerable time possessed a free library and a natural history museum. The elements of a prosperous college already existed, and were much valued by the townspeople, it remained only to consolidate them, and to increase the utility of each part by giving them all a home under one roof. The munificent anonymous donation of 10,000*l.* was the first incentive to the creation of this noble institution, which provides a wide range of subjects in all branches of education, the fees for students being so moderate as to meet the educational wants of all classes. At the opening ceremony His Royal Highness delivered the following brief address: he said, "Whether we consider the manner in which this noble building has been founded, or the various objects which it is intended to advance, I think we have reason for very deep satisfaction, very confident hope. First in the work of founding it, came the anonymous donor with 10,000*l.* I do not know

who he may be, but I envy his feelings if he is here to-day to see on what good ground his seed was sown. Then came the helpful energy thrown into the scheme by the University of Cambridge, and especially by a member of that University whose name is well known to all who are interested in the higher education of the country—Professor Stuart. And lastly—and this is the most important fact of all—your wealthy town has herself taken the matter up, and resolved to complete and maintain the great institution in a manner worthy of her wealth and public spirit. I had hardly realized till this morning how many objects your college is meant to serve, and how well it has been fitted for all of them. I admired the free library—an excellent example to towns which have not as yet provided their citizens with that great advantage. I admired, too, the spacious rooms in which you have housed your museum of natural history. This was well worth doing, for the value of a museum depends largely on the way in which the collection is shown. But your great building is above all things a college, a centre for the higher education of the men and women of Nottingham. You will not, I hope, be tempted to let the teaching which you give become too exclusively technical. You will remember how many of your students will need from you not so much that you should help them in their daily work, as that you should teach them to rise above it, that you should open to them wider vistas and make them capable of new joys. But technical teaching is urgently needed too, and I trust that the teaching given in your college will do as much for the other industries of Nottingham as your art school has already done for your designs in lace. And there is another advantage in thorough technical training which should never be overlooked. To learn anything thoroughly teaches us to respect what we learn; it teaches us to delight in our task for its own sake and not for the sake of pay or reward. And the happiness of our lives depends much less on the actual value of the work which we do than on the spirit in which we do it. If a man tries to do the very simplest and humblest work as well as he possibly can, it will be interesting to him, and he will be proud of it. But if he is only thinking of what he can get by his work, then even the highest work will soon become a weariness to him. I trust that your college will send forth many men so trained to do good and honest work that to do work which is bad or dishonest shall be simply impossible to them. Men like these may be proud of their trade, proud of their town; and I do not believe that we become better citizens of the world by being indifferent to the instincts and the honour of our town or of our own nation. I believe that the narrower patriotism is often the best way of leading us to the broader, and that the better citizen a man is of Nottingham the better citizen will he be of England, and that the truest sons of England will make the best citizens of the world. Then it is, when a man has lived for others, has worked for public ends, that the good which he has done is not ‘interred with his bones.’ No; it lives after him, so that, in the words which form the proud motto of your ancient corporation, ‘*Viret post funera virtus.*’”

NOTTINGHAM, FOREST HILL SCHOOL, FOREST ROAD. Established 1840. The course of instruction is adapted for Professional, Commercial, and Agricultural pursuits. Preparation for the Oxford and Cambridge Local Examinations. The year is divided into 3 terms; the vacations being 2 weeks at Easter, 7 weeks at Midsummer, and one month at



Christmas. Terms : for board and tuition, from 36 to 42 guineas a year. Principal, Henry Newton, with assistant Masters.

\* **NOTTINGHAM, GRAMMAR SCHOOL (TERMED HIGH SCHOOL).** Founded by Agnes Mellors, 1513. The school is divided into 2 Departments, the Upper and the Lower. The education given in the Upper School is Classical and General, and it is adapted to the preparation of boys for the Universities, for the learned Professions, for the Military and Civil Services, or for Mercantile pursuits. Latin, French, English, and Mathematics are taught in all the classes. Greek, German, and Natural Science are taught in the higher classes. The object of the Lower School is to furnish an education complete in itself to those boys whose parents propose to remove them early for Business. English, French, and Mathematics are taught in all the classes; German, Latin, and Natural Science in the higher classes. The school possesses a Museum, a Laboratory, and a good Library. There are 5 Scholarships attached to the school, of the annual value of 60*l.*, and 3 of about 40*l.* tenable for 3 years, and open to all boys without restriction. The school year is divided into 3 terms. Vacations, 12 weeks. There are 320 pupils, 10 of whom are free scholars elected by competition. Annual terms : Upper School, 8 guineas; Lower School, 4 guineas. 41 pupils from this school have gained certificates at the University Locals, up to 1873, 31 in honours. The Second Master receives a limited number of boarders. The fees, which rise as boys advance in age, are as follows : Lower School, for yearly boarders, 16 to 18 guineas per term; Upper School, for yearly boarders, 18 to 20 guineas per term. Head Master, Rev. Robert Dixon, LL.D., late Scholar of S. John's College, Cambridge; with 14 assistant Masters.

\* **NOTTINGHAM, UNIVERSITY SCHOOL.** Established 1830. Instruction in Classics, Mathematics, French, German, Natural Science, etc., to 50 boys. The number of boarders are limited. 26 pupils have gained certificates at the University Locals up to 1873, 10 with honours. Annual inclusive terms: boarders, 40*l.*; day-boys, 12*l.* University Local Examinations and College of Preceptors. Principal, the Rev. George Herbert, M.A., Corpus Christi College, Cambridge, assisted by resident and non-resident Masters.

**NOTTINGHAM, THE PARK ACADEMY.** Established 1858. Instruction in Classics, Mathematics, Modern Languages, and English. Pupils are prepared for Professional and Commercial pursuits, chiefly for Mercantile life, etc. Plain and Ornamental Penmanship is specially taught. Pupils admitted at 8 years of age. About 25 boarders, paying 28 to 30 guineas per annum, and 25 day-pupils, paying 6 to 10 guineas per annum. Vacations, 12 weeks. Examinations every fortnight, quarter, and half-year. Principal, Thomas Theker, with 3 resident and 3 non-resident Masters.

\* **NOTTINGHAM, TUDOR HOUSE SCHOOL.** Established 1859. Preparation for University Local Examinations to about 100 boys, of whom 30 are boarders, at from 40 to 50 guineas per annum, and 70 are day-boys, at 10 to 15 guineas per annum. 44 pupils from this school have gained certificates at the University Locals up to 1873. Principals, Gregory Porter and Alfred Jones, and 4 assistant Masters.



NOTTINGHAM, THE PEOPLE'S COLLEGE, COLLEGE STREET, WELLINGTON CIRCUS. This institution was founded in 1846. It consists of a boys' school, a girls' school, with a preparatory class (for very young children, both boys and girls), and an extensive circulating and reference Library. Some of the plans adopted in the German schools, known by the name of the Kindergarten, have been introduced to the great delight and improvement of the children. Fees, for tuition : 2 guineas a year. Number of boys on the roll, 153 ; and of girls and preparatory boys, 83. Head Master, T. Buckley Smith, F.C.P., with 4 assistant Masters in the boys' school. Mistress, Miss Smith.

NORTHMARSTON, *near WINSLOW (Bucks)*, SCHORNE COLLEGE. This school was established in 1875, for the sons of gentlemen only, and named after Sir John Schorne, a famous rector of Northmarston, who flourished about A.D. 1290. It is close to the fine old Parish Church (St. Mary's) of Northmarston, Bucks. The Vicar of Northmarston, Manager and Warden of this school, is assisted by Tutors. 100 pupils. Fees, 45 guineas per annum. Entrance fee, 5 guineas. Warden, Rev. S. B. James, M.A., Trinity College, Dublin. Head Master, J. Julian James, M.A., Sidney Sussex College, Cambridge ; Chaplain, Rev. E. Smith, M.A., Queen's College, Oxon ; and a staff of 4 under Masters.

\* NUNEATON (*Warwick*), NUNEATON GRAMMAR SCHOOL. This school is now worked under the new scheme, by which a more modern and practical character has been imparted to the school course, which is arranged on the plan of the University Local Examinations. Instruction is given in English, Latin, Mathematics, French or German, Chemistry, Drawing, Vocal Music, and Drilling. Fees : 6*l.* per annum for boys under 14, and 9*l.* per annum for older pupils. Entrance fee, 1*l.* The Head Master takes a limited number of boarders, and arrangements are made for boys to dine with them at a moderate charge. Head Master, the Rev. S. G. Waters, M.A., with 4 assistant Masters.

## O.

OAKHAM (*Rutland*), ARCHDEACON JOHNSON'S SCHOOL. Founded A.D. 1584. Reconstituted by the Endowed Schools Commissioners in 1875. Endowment, 1,200*l.* per annum. The Grammar School, Oakham, prepares for the Universities, etc. ; boys may be thoroughly qualified for any Profession or Business they may wish to adopt. Average number of scholars, 90, of whom 60 are boarders in Head Master's house. Tuition fees, 12*l.* to 16*l.* a year. Boarding fees, 50 guineas per annum. The course of instruction embraces the Latin and Greek Languages and Literature, French and German, Mathematics, Arithmetic, and Book-keeping, Chemistry and Natural Science, English Language and Literature, and Political Economy, Geography, History, Drawing, and Vocal Music, Land-Surveying, and Mensuration. There are 16 Exhibitions at Cambridge, of 35*l.* and 45*l.* a year, tenable for 4 years. 4 Exhibitions of 50*l.* a year, tenable at Cooper's Hill, Woolwich, Sandhurst, Inns of Courts, or Hospitals. Several Exhibitions of 10*l.* and 20*l.* a year, tenable at the school. Annual value of Exhibitions, 1,000*l.* Examinations take place annually at Midsummer by Examiner from the Universities. Vacations, at Easter, Midsummer, and Christmas. Large

library, fives court, and cricket field. The following were pupils at this school: Percival Frost, Bishop Field, Bishop Atlay, Bishop Ellicott. Head Master, Rev. E. V. Hodge, M.A., of Balliol College; Second Master, Rev. H. W. Fitch, M.A., and assistant Masters. Secretary, B. Addington Adam.

\* **OCKBROOK** (*Derby*), **MORAVIAN SCHOOL**. Established 1818. The object of this institution is to afford sound instruction in the various branches of a useful and liberal education. Instruction in Classics, French, German, Mathematics, Music, and Drawing, to 50 boarders, at 40 to 45 guineas, and day-pupils, at 8 guineas per annum each. Pupils prepared for the University Local Examinations. Vacations, 11 weeks. Principal, the Rev. H. R. Blandford, and 5 resident Masters.

**OCKHAM MIDDLE CLASS SCHOOL**. See **ALTON**.

\* **ODIHAM** (*Hants*), **GRAMMAR SCHOOL** (*3rd Grade*). Founded A.D. 1694. Reconstituted in 1874. The object in this school is to afford a sound education to boys preparing for the Liberal Professions or for Mercantile life. The course of instruction comprehends English in all its branches, Latin, French, Mathematics, Writing, Book-keeping, Natural Sciences, Vocal Music, and Drawing. Annual fees: day-boys, 6*l.*; boarders, 25*l.* Examinations are held at Christmas and Midsummer. Vacations, 12 weeks. Head Master, Geo. Ed. Johnson, M.A., late Scholar Magdalen College, Cambridge, with assistant Masters.

**OLDCASTLE** (*County Meath, Ireland*), **ENDOWED SCHOOL**. Founded 1810. Endowment, 800*l.* per annum. This school appears to be undergoing reorganisation under a new scheme.

**OLD SWAN** (*Essex*). See **LIVERPOOL**.

**OLDHAM** (*Lancashire*), **GRAMMAR SCHOOL**. Founded 1605, by James Ashton. Endowment, 34*l.* per annum. Instruction in English course only, as a Public Elementary School. Head Master, W. Boothman.

¶ **ONGAR** (*Essex*), **ONGAR GRAMMAR SCHOOL**. This school is devoted specially to giving a sound Mercantile education to 100 pupils of the middle classes, and the curriculum of studies are of a liberal kind, including the Modern Languages. The fees for board and tuition are 30 to 36 guineas per annum. The great African traveller, Dr. Livingstone, studied at Ongar for some time. Principal, Dr. Clark, with a staff of assistant Masters.

**ORSETT** (*Essex*), **ORSETT COLLEGE**. Established 75 years. The course of instruction comprises the Latin, French, and English Languages. Pupils are prepared for the College of Preceptors. Terms: for boarders, 24 to 30 guineas per annum. The school year is divided into 4 quarters. Principal, G. Cripps, assisted by resident Masters.

\* **ORMSKIRK** (*Lancashire*), **GRAMMAR SCHOOL**. Founded 1612. Endowment, 70*l.* Instruction in Classics, Mathematics, French, Drawing, Music, Drill, etc., to 70 day-scholars and 10 boarders. Fees: day-pupils, 4*l.* to 8*l.*; boarders, 40 to 48 guineas per annum. Annual Examinations are appointed, and boys prepared for Oxford Local Examinations. Vacations: 12 weeks, viz., Christmas, Easter, and Midsummer. Head

Master, Robert W. A. Scott, M.A., 2 resident assistant Masters, and 4 visiting Masters.

† ORTON (*Westmoreland*), GREENHOLME GRAMMAR SCHOOL. Founded 1734. Endowment, 70*l.* per annum, with house. Instruction to 50 day-boys, all free, in English and Classics. Examined by Vicar. Head Master, Isaac Hodgson.

ORTON, LATIN SCHOOL. Founded 1782, by George Gibson. Endowment, 51*l.* per annum. Is now an Elementary English School only. Master, W. R. Stephenson.

OSGATHORPE (*Leicestershire*), GRAMMAR SCHOOL. Founded 1670 by Thomas Harley. Endowment, 140*l.* per annum, with house free. Instruction to 25 boys in French, Latin, and English course. Vacations, at Christmas and Midsummer. Head Master, Edward Edmund Serres.

\* OSWESTRY (*Salop*), OSWESTRY GRAMMAR SCHOOL (*1st grade*). Founded 1408, by David Holbeche. Endowment, 210*l.* per annum. A new scheme has come into operation, and extensive new buildings are erected. Instruction in Classics, Mathematics, French, Natural Science, Drawing, and Music, etc., to 83 boys, of whom 51 are boarders. Fees, inclusive : day-pupils, 10 to 12 guineas ; entrance, 1*l.* 1*s.* ; boarders, 35*l.* to 50*l.* in addition. There is 1 Scholarship of 50*l.* a year for 2 years. Examinations are held annually in July. The following eminent men were educated at this school : Lieut.-General Colin Mackenzie, Colonel Fred Burnaby, Dr. Thomas, Bishop of Goulburn, Dr. Verschough, Bishop of Kilmore, with other benefactors. Vacations, 13 weeks, viz., Easter, Midsummer, and Christmas. Head Master, M. S. Forster, M.A., B.C.L., and 4 resident assistant and 2 visiting Masters.

OSWESTRY, THE WILLOW STREET ACADEMY. Established 1850. Instruction in Classics, Mathematics, French, German, Music, Drawing, and English, to about 50 pupils. Terms : boarders, 25*l.* to 30*l.* per annum ; day-pupils, 5*l.* to 6*l.* per annum. Examinations are held at Midsummer and Christmas, based on the College of Preceptors Examination Papers. Vacations, 9 weeks. Principal, the Rev. Joseph Hillier, C.M., M.R.C.P., and resident assistant Masters.

OSWESTRY, THE SALOP SCHOOL. Instruction in the Greek and Latin Classics, Mathematics, English, and all the subjects for the Competitive Examinations. Terms : boarders, from 30*l.* to 40*l.* ; day-pupils, from 6*l.* 6*s.* to 8*l.* 8*s.* per annum. Head Master, J. Evans, M.A., and assistant Masters.

OTTERY S. MARY (*Devon*), KING'S GRAMMAR SCHOOL. Founded 1545, by John Grandbisson. Endowment, 30*l.* per annum, with house. This school is in the hands of the Charity Commissioners.

OUNDLE (*Northamptonshire*), OUNDLE SCHOOL. See PUBLIC SCHOOLS, Part V., page 325.

OVER WYRESDALE (*Lancashire*), ABBEYSTED ENDOWED SCHOOL. Scholars belonging to the township of Over Wyresdale, all free. A limited number of boarders at 32*l.* per annum ; no extras. English subjects taught ; French, Latin, and Music if required. Head Master, James Phizackerley.

OVERSLADE. See RUGBY.

OXFORD (*Oxfordshire*), THE OXFORD MILITARY COLLEGE, COWLEY. The full particulars of this military school are given on pages 241, 242. Secretary, Henry Naidley. See also Index to Appendix B.

OXFORD, THE CITY OF OXFORD HIGH SCHOOL FOR BOYS. The foundation stone of this school was laid by H.R.H. the Duke of Albany on April 13th, 1880, and in June 1883 His Royal Highness, attended by H.R.H. the Duchess of Albany, formally opened the school. The buildings are in the Jacobean style—like those of the New University Schools—which is of all styles the most suited for such purposes, and have cost up to the present about 10,000*l*. His Royal Highness said, "I cannot say how much I admire the building." The scheme follows the best precedents set by the Endowed School Commissioners. A principal feature in it is the provision for the ultimate establishment of a considerable number of free scholarships for the benefit of select boys from the public elementary schools of the city. There is an influential governing body. The school is open to all boys residing in Oxford or the neighbourhood, who have attained the age of 8 years, provided they pass a satisfactory entrance examination graduated according to age. Boys are prepared for Business, the Services, the learned Professions, or the Universities, and for special examinations. The arrangements of the school are adapted on the one hand to the Oxford Local Examinations, and on the other to the Certificate Examination of the Oxford and Cambridge Board. There are 3 terms in each year, of an average length of 13 weeks. The fees for boys entering between 8 and 10 years of age, till they are 12 years old, 2*l*. 16*s*; over 10 years, 4*l*. 4*s*. Extra fees for Greek, German, or a second branch of Science, 3*l*. 3*s*. Entrance fee, 1*l*. 1*s*. In the case of boys who do not learn Greek, extra time will be devoted to French. A certain number of free scholars are elected annually in December by competitive examination, partly from boys already in the school, partly from boys under education at the public elementary schools of the city. The school is provided with Exhibitions to the University, to be competed for at the Summer Examination by boys who have been not less than 3 years in the school. Head Master, A. T. Pollard, M.A., of Wadham College, for some time teacher of the Sixth Form at Dulwich College, with 8 assistant Masters.

\* \* OXFORD, MAGDALEN COLLEGE SCHOOL. Founded 1480, by W. Waynflete, Bishop of Winchester. Endowment, not being separate from the college, is not stated. This is a First Grade Classical School. The President and Fellows of Magdalen College have made suitable provision for it, and the regular course of instruction will include the Greek, Latin, French, and German Languages, Mathematics, and English subjects, Divinity, History, Geography, English Grammar, Literature, and Composition, etc. Training for University and the highest Professional life to a fixed number of 130 boys. Terms: day-scholars pay 18*l*. 18*s*.; boarders pay 88*l*. 4*s*. per annum. Midsummer Examination. Upper forms examined by Oxford and Cambridge Schools Examination Board. Vacations: Midsummer, 7 weeks, July 20 to September 9 (about); Christmas, 5 weeks, December 21 to January 24; Easter, about 10 days or a fortnight. Examiners are appointed by the College. Head Master, the Rev. Harman Chaloner Ogle, M.A., Fellow and late Tutor of Magdalen College, and 13 assistant Masters. Visitor, the Lord Bishop of



Winchester, Governor, President, and Fellow of Magdalen College ; School Committee, the President, Vice-President, Dean of Divinity, and Senior Bursar.

† OXFORD, CHRIST CHURCH CATHEDRAL SCHOOL. Founded 1546, by Henry VIII. The course of instruction includes the usual branches of a Public School education, and is such as to ensure a sound elementary knowledge of Divinity, English, Latin, Greek, French, and Mathematics. The school year is divided into 3 terms. The vacations are at Easter, at Midsummer, and at Christmas. Choristerships and Probationerships: There are in the Cathedral choir eight choristers on the Foundation; these are educated, boarded, and lodged free of expense. There are also six probationers, who become choristers as vacancies occur. School fees: choristers are exempted; probationers for the choir, 40*l.* per annum; boarders in the choir house (tuition included), 60 guineas; boarders, if brothers or sons of clergymen, 55 guineas; day-pupils, 12 to 15 guineas per annum. These charges cover all school and house expenses, except books, stationery, clothes, etc., and medical attendance, if required. There is also a fee of 3 guineas payable upon the election of a probationer to a choristership. There are 16 boarders and 11 day-scholars. Head Master, the Rev Henry C. Rogers, M.A., Ch. Ch., Chaplain of Christ Church Cathedral, Oxford, late Head Master of St. Michael's College, Tenbury, and for four years assistant Master at the Reading School.

OXFORD (*near*) S. KENELM'S SCHOOL. Founded in 1874. This is a high-class Church school intended to supply a good Classical Education in preparation for the Public Schools, the Navy, the Civil Service, the Universities, or the preliminary Army Examinations on Public School lines and on the basis of the Church of England, at a moderate cost. School dues are 45 guineas per annum, paid terminally. An entrance fee of 2 guineas is charged with the first term's payment. The following is a special feature in the school, namely, that arrangement is made for boys to matriculate and keep terms at the University whilst still in the school, enabling them to obtain their degree at the unusually early age of 18, and at a very small extra charge during their last 3 years. Principal, Rev. H. C. B. Cruikshank, A.K.C., London, Chaplain of New College, Oxford, with a staff of assistant Masters.

\* OXFORD, S. EDWARD'S SCHOOL, SUMMERTOWN VILLAGE. The object of this school is to provide at a moderate cost a first-rate liberal education on Public School principles; and by careful religious instruction, to impart a higher moral tone than is to be found in many of our older Public Schools. The school is situated about 2 miles from Oxford, in Summertown Village. The buildings stand on their own grounds of about 10 acres. The chapel is a magnificent building in the Early English style, is connected with the school buildings by a cloister. A spacious covered playground, a fives court, carpenter's shop, and co-operative shop, at which everything can be purchased without going elsewhere. Cricket ground, artificial bathing place, part for swimmers. The ordinary school course includes the usual subjects taught in our Public Schools, but arrangements are made by which boys can learn German, Science, and Book-keeping in place of Greek. The fees are 65 guineas per annum, with 1 guinea entrance fee; some subjects are extra. Boys can



be entered at 9 years old in the lower school. There are 3 vacations in the year, viz., about 2 weeks at Easter, beginning on Easter Tuesday; 7 weeks at Midsummer, beginning about the end of July, and 5 weeks at Christmas, beginning about a week before Christmas Day. Warden, Rev. Algernon B. Simeon, M.A., Ch. Ch., Oxford, and Winchester College; Head Master, Rev. H. A. Dalton, Scholar of Corpus Christi, and Senior Student of Ch. Ch., Oxford, and assistant Masters.

\* OXFORD, CARLTON, LODGE SCHOOL, IFFLEY ROAD. The arrangements of the school have been made with the view of conducting the education of boys on the most moderate and approved plans, in order to fit them for Professional and Mercantile pursuits. 40 pupils are prepared for the Oxford Middle Class Examinations, etc. Terms: 27l. to 30l. per annum, and extras. Vacations at Easter, Summer, and Christmas. Principal, A. S. Barling, assisted by resident Masters.

\* OXFORD, S. JOHN'S SCHOOL, IFFLEY ROAD. The course of instruction to 50 pupils includes Classics, Mathematics, Natural Science, French, German, English, etc. There is an annual Examination, and boys are prepared for the Oxford and Cambridge University, Middle Class, and Civil Service Examinations, etc. Fees, 30 to 35 guineas per annum. Vacations, 12 weeks. Warden, the Rev. R. M. Benson. Head Master, Henry Charles Shaw, and 4 assistant Masters.

OXFORD, ELFORDERN SCHOOL, S. GILES'. Established 1866. Preparatory school for little boys. The subjects of instruction comprise English, Classics, and Modern Languages, etc. 20 pupils. Terms: boarders, 36 and 40 guineas; day-pupils, 12 and 15 guineas per annum. Vacations, 3 weeks at Easter, 7 in August, and 4 weeks at Christmas. Principals, Mrs. and the Misses Mardon, and an assistant resident Master.

OXFORD, 26, S. GILES'. Pupils are prepared for the Public Schools. Fees: day-boys, 21 guineas; extra charge for boarders, 75 guineas per annum. Principal, A. E. Clark, B.A., Demy of Magdalen College, Oxford, with assistant Masters.

\* † OXFORD, 47, S. JOHN'S STREET SCHOOL. Instruction in English Commercial course, and preparation for the University Local Examinations. Principal, J. M. Crapper.

## P.

PAIGNTON (*Devon*), WESTBURY HOUSE PREPARATORY SCHOOL, ADELPHI TERRACE. Pupils prepared for the Public Schools, Local Examinations, etc. Terms: from 45 to 55 guineas per annum; and day-pupils, from 10 to 12 guineas per annum each, and a few extras. The year is divided into 3 terms. Vacations, 13 weeks. Principal, A. G. Hall, and assistant Masters.

\* PAINSWICK, *near* STROUD (*Gloucestershire*), GRAMMAR SCHOOL. The course of instruction comprises English in all its branches, Higher Mathematics, Greek, Latin, French, German, Geology, Natural Science, Music, and Drawing. Pupils prepared for Public Schools, Universities,

and Commercial life. Terms: from 22 to 32 guineas per annum; day-pupils, 4 guineas and a few extras. Vacations, about 9 weeks. Principal, U. J. Davis, of London University, assisted by resident and visiting Masters.

† PAISLEY (*Scotland*), GRAMMAR SCHOOL. Founded 1576. Endowment, 25*l.* per annum, and a house. Instruction in Classics, Modern Languages, Mathematics, and English course, to 300 pupils, paying from 25*s.* to 6*l.* per annum. The Rector takes a few boarders, paying for board and tuition, 40 guineas per annum. No free scholars, no restrictions as to admission. Public Examinations. Vacations, 9 weeks. Rector, William Mayhin, B.A., with assistant Masters.

PARKSTONE, *near POOLE* (*Dorsetshire*), HEATHFIELD HOUSE. Established 1854. The course of instruction comprises English, Mathematics, Classics, German, and French. There are about 30 boarders. Terms: from 25 to 30 guineas per annum; and about 15 day-pupils, 6 guineas per annum each, and a few extras. Vacations, 11 weeks. Principal, Rev. Walter Gill, and assistant Masters.

PARKGATE (*Cheshire*), MOSTYN HOUSE SCHOOL. Established 1855. The work of the school is twofold: 1. The Classical and Mathematical course of the Public Schools, or preparation for the same; 2. Modern education for boys intended for the Army, Navy, Civil Service, or Business. This includes English, Latin, French, German, Extra Mathematics, and some Natural Science. Special stress is laid on English, French, and Arithmetic, throughout the Lower School. There are regular Writing Lessons, and a Drill-Sergeant attends for all classes. Boys are not admitted till they can read English with fair fluency, and are able to work a simple division sum. Pupils are received from the age of 9. Average number 45. Terms, from 70 to 120 guineas per annum each, with a few extras. Vacations, 14 weeks. Principal, Rev. A. S. Grenfell, M.A., Balliol College, Oxford, assisted by Oxford and Cambridge University Graduates.

PARSONSTOWN (*Ireland*), CHESTERFIELD SCHOOL. Established 1869. The school is situated in the suburbs of Parsonstown, one of the most attractive and aristocratic inland towns in Ireland. The system of instruction is preparatory. Instruction in Latin, Greek, Mathematics, French, German, and English. Pupils prepared for the Public Schools, etc. Fees: boarders, 56*l.* per annum; day-pupils, 14*l.* There is an average of 40 boarders, and 10 day-pupils (none free), who are received from the age of 8. Vacations, 12 weeks. Principal, Rev. William Ewing, LL.D., T.C.D., and 4 resident assistant Masters.

PECKHAM. See LONDON, S.E. DISTRICT.

† PEEBLES (*Scotland*), BONNINGTON PARK SCHOOL. Endowment, 150*l.* per annum. Instruction in Classics and general knowledge to 53 boys, none free. Head Master, Geo. M. Scott, M.A.

PEMBROKE (*Pembrokeshire*), PEMBROKE FREE GRAMMAR SCHOOL. Founded by Sir H. Owen, Bart., and the Rev. M. Davies, in 1690. This school is now in abeyance.

PENDLETON (*Lancashire*), SEEDLEY CASTLE SCHOOL. Instruction in English, Latin, French, Mathematics, Drawing, Vocal Music, and Drill. Terms, from 3 to 4 guineas per annum each, the only extra being for Music. Principal, W. Carmichael, B.A., and assistant Masters.

\* PENRITH (*Cumberland*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded by William de Strickland, in 1395, and re-established by Queen Elizabeth in 1564. Endowment, 26*l.* per annum. The course of study comprises Latin, Greek, Mathematics, English, French, and German. Preparation for the Universities, the Learned Professions, and the Oxford University Local Examinations, to scholars from 8 years old (none of whom are free), on payment of from 6 to 10 guineas per annum, according to age. About 20 boarders are received into the Head Master's house. Terms: 35 to 50 guineas per annum each. There are numerous school prizes. The Head Master also offers a prize to every boy who obtains a First or Second Class in the University Local Examinations. Vacations, 11 weeks. Head Master, J. Gordon, of London University, and 7 assistant Masters.

PENRITH, NORCROFT HOUSE SCHOOL. Instruction in English in all its branches, Latin, French, German, etc. Number of pupils 45 (none free), who are received from the age of 7. Examinations Midsummer and Christmas. Vacations, 11 weeks. Principal, W. Marshall, and 1 assistant resident Master.

PENRITH, MANSION HOUSE SCHOOL. Established 1867. About 60 pupils are prepared for Middle Class, Law, and Pharmaceutical Examinations, etc., English subjects, with Mathematics, Latin, Greek, and French. Practical Land-Surveying etc. Fees for boarders: 30 to 35 guineas per annum; and day-pupils, from 4 to 6 guineas per annum each. Vacations, 10 weeks. Principal, W. Bell, and 4 assistant Masters.

PENISTONE (*Yorkshire*), THE GRAMMAR SCHOOL. Founded about 1397. Endowment, 150*l.* per annum. Instruction in Classics, English subjects, Latin, Greek, and Mathematics, to day-boys, paying 6 guineas per annum each. Vacations, about 10 weeks. Head Master, T. Jackson, with assistant Masters.

PENWORTHAM, near PRESTON (*Lancashire*), PENWORTHAM OR HUTTON GRAMMAR SCHOOL (3rd grade). Founded sixth year of King Edward VI., 1552. Endowment, 1,200*l.* a year. A good middle-class education is given to about 50 pupils, the greater number free. After the alterations required by the scheme, it will be thrown open to boys beyond the old limited district. Day-boys are to pay not less than 3*l.* nor more than 8*l.* a year. Boarders are not to be charged more than 35*l.* a year for board. Instruction in Latin, English, French, etc. Vacations, about 8 weeks. Head Master, the Rev. B. C. Huntley, M.A., S. John's College, Cambridge, with assistant Masters.

PENZANCE (*Cornwall*), MOUNT'S BAY ACADEMY. Established 1854. Day-boys prepared for Competitive Examinations, and for general pursuits. Instruction in Latin, Greek, French, Navigation, and Nautical Astronomy. Fees, from 6 to 16 guineas per annum. Half-yearly Examinations. Vacations, 10 weeks in the year. Head Master, T. Gordon Teague, with 2 assistant Masters.

PENZANCE, PENZANCE WESLEYAN SCHOOL. This is an Elementary School, under Government inspection, with an average attendance of 230 scholars. Principal, G. F. Glasson.

\* † PENZANCE, GRAMMAR SCHOOL. Founded 1789. Endowment, 15*l.* per annum. Preparation for University Local Examinations. Principal, T. Bennett, with assistant Masters.

\* † PENZANCE, 10 CHAPEL STREET SCHOOL. Preparation for University Local Examinations. Principal, G. Bettany.

PENZANCE, THE ABBEY SCHOOL, THE HOLLIES. Established in 1868. The curriculum of studies embrace every subject necessary to impart a liberal education, fitting the pupils to enter Professional or Commercial life on leaving school. The terms are from 45 to 50 guineas for boarders, including education; and the tuition fees for day-boys are 12 guineas per annum. Principal, J. Thorne, and assistant Masters.

PERTH (*Perthshire*), PERTH ACADEMY. Founded 12th century. Endowment, 700*l.* per annum. Instruction in Classics, French, German, Mathematics, Chemistry, etc., to about 400 pupils, paying according to studies, *i.e.*, English, 7*s.*; Writing and Arithmetic, 10*s.*; Classics, 12*s.* 6*d.*; French or German, 16*s.*; Drawing, 10*s.*; and Mathematics, 1*l.* each per quarter. No free scholars; open to any one on payment of fees. Vacations, about 8 to 11 weeks. Head Master and Rector, Thomas Miller, LL.D., with 6 Masters, and 4 assistant Masters.

\* PETERBOROUGH (*Northamptonshire*), KING'S SCHOOL. Founded 1541, by Henry VIII. Endowment, 400*l.* per annum. Instruction to 60 boys, of whom non-foundationers pay 8 guineas per annum, and the others are free, in Classics, Mathematics, and English course. Has 20 King's Scholarships, tenable 4 years, or by permission of Dean and Chapter, 5 years, open to all comers; and 2 Exhibitions of 30*l.* per annum each, tenable 4 years at S. John's College, Cambridge. Head Master, the Rev. E. J. Cunningham, M.A., and assistant Masters.

PETERBOROUGH, CLASSICAL AND COMMERCIAL SCHOOL, BROAD STREET. Established 1851. This private middle-class school has now been established over 26 years, and the number of pupils educated during this period ending July, 1877, reached 304 boarders and 346 day-boys. Several pupils passed (some "in honours") the preliminary Examinations of the Royal College of Surgeons, the Incorporated Law Society, and the Pharmaceutical Society. The instruction given enables pupils to enter successfully Commercial or Professional life. The number of pupils is limited to 20 boarders and 25 day-boys. The course of instruction comprehends Latin, Greek, Hebrew, French, Euclid, Algebra, Writing, Arithmetic, and English in all its branches. Terms: boarders, 30*l.* per annum; and day-pupils, from 4*l.* to 6 guineas per annum each, with a few extras. There is an examination of all the boys in July in each year, and prizes are awarded for general proficiency. Examiner:—The Rev. W. A. Campbell, M.A., of Worcester College, Oxford. Vacations, about 12 weeks. Principal, Thomas Smith, and assistant Masters.

PETERSHAM (*Surrey*), BUTE HOUSE. This school is surrounded by 12 acres of private grounds. The system of education provides Classics,



Mathematics, Science, Modern Languages, English, Drawing, etc. Preparation for Public Schools, Universities, Military Examinations, to about 40 resident pupils, who are admitted from 9 to 18 years of age. Terms, 70 and 90 guineas per annum each. There are 3 vacations:  $6\frac{1}{2}$  weeks at Midsummer, commencing August;  $4\frac{1}{2}$  at Christmas;  $2\frac{1}{2}$  at Easter (3 terms of 13 weeks each). Honours gained *direct* since 1870: 6 admissions to R.M.A., Woolwich; 12 to Line; 1 to Cooper's Hill; 1 open Scholarship, Jesus College, Cambridge (70*l.* a year), at Easter, 1876. Head Master, C. V. Godby, M.A., New College, Oxon, late Scholar and First Class Classic, with 2 resident Masters, 6 visiting Masters, including a Cambridge Seventh Wrangler, attending 4 days a week.

PETERSFIELD (*Hants*), CHURCHER'S COLLEGE. This college, which is an old foundation, has been reconstituted under a scheme issued by Her Majesty's Charity Commissioners, and the management has been entrusted to a body of Governors. The building of Middle Class College, with accommodation for 50 boarders and 100 day-boys, has been recently erected upon an elevated site of 10 acres, facing the South Downs. The work is adapted so as to prepare boys for any special examinations, for the Cambridge Locals and for the University. There are certain Scholarships (12 in number, confined to residents or past residents in Petersfield), giving free tuition and a payment of 20*l.* a year. Other Scholarships and Exhibitions will also be established. Fees: boarding and tuition, 40*l.* per annum; tuition, 9*l.* per annum. Entrance fee, 1 guinea. Head Master, Rev. G. Andrew, M.A., Exhibitioner and Prizeman of St. John's College, Cambridge. Clerk to the Governors, J. Soames.

PETHERTON SOUTH, ILMINSTER (*Somersetshire*), THE GRAMMAR SCHOOL, SEAMINGTON RECTORY. Pupils prepared for the Universities, the learned Professions, and General and Mercantile pursuits. Instruction in Greek, Latin, French, and English, Arithmetic, Euclid, Algebra, Trigonometry, Mensuration, Surveying, and the Higher Mathematics, History, and Drawing. Inclusive terms: for boarders, 60 to 70 guineas per annum. Head Master, the Rev. J. P. Billing, M.A., Ph.D., with resident assistant Masters.

PILLERTON, PILLERTON VICARAGE, NEAR WARWICK. A limited number of resident students are received and prepared for Sandhurst, the Line, Woolwich, the Universities, and other examinations. The fees are 50 guineas per term. The year is divided into three terms, with the usual Christmas, Easter, and Summer vacations. Principal, Rev. S. East, B.A., St. Peter's College, Oxford.

PIMLICO. See LONDON, S.W. DISTRICT.

\* PINNER (*Middlesex*), COMMERCIAL TRAVELLERS' SCHOOL. Founded in 1846, and supported by voluntary contributions, for the education, with board, of orphan and necessitous children of Commercial Travellers, admitted from 5 to 12 years of age, and remaining to the age of 15; 220 boys, and 132 girls. Preparation for University Local Examinations. Education suited chiefly for Commercial pursuits, and includes Latin, French, and Natural Sciences. There are 3 Scholarships of 80*l.* per annum each. Examinations at Midsummer. Vacations, 8 weeks. Principal, W. F. Richards, with 6 assistant Masters. Treasurer, J. Hughes.



PLUMSTEAD (*Kent*), VICARAGE PARK, WILTON HOUSE. Prepares for Military, Civil Service, and other Examinations. Terms : for pupils under 16 years of age, 120 guineas a year ; for pupils above that age, 140 guineas a year ; monthly pupils, for a period less than one term, 16 guineas a month. Vacations : there are two vacations, of six weeks each, in the year, one at Midsummer and one at Christmas. Principal, Samuel H. Winter, assisted by able Teachers. See Military Section, page 244, and also Index to Appendix B.

PLUMBLAND (*Cumberland*), PLUMBLAND GRAMMAR SCHOOL. Founded 1759. Endowment, 81*l.* per annum. This is now converted into an Elementary Government School. This school now appears to be in abeyance.

\* PLYMPTON (*Devon*), ELIZE HELE'S SCHOOL. Founded 1658, by Elize Hele. Endowment, 150*l.*, with house. Re-constituted 1868. The school consists of 2 branches, the Upper School and the Lower School. Pupils sent to the Oxford and Cambridge Local Examinations. Terms : Upper School, boarders, 40 to 45 guineas ; Lower School, boarders, 30 guineas ; every Foundationer, 2*l.* 2*s.* per annum ; other scholars, every boy learning Classics, 6*l.* 6*s.*, and not learning Classics, being 10 years of age, 3*l.* 3*s.* There are 2 Examinations in the course of the year. Foundationers, not more than 6 in number, are selected by the Trustees. Under the new scheme the Founder's prize, to the value of 10*l.*, is annually awarded to the scholar who passes best at the Public Examination. Sir Joshua Reynolds was educated at this school. Head Master, Arthur Cloutte, formerly Head Master of Corsham School, Wilts, and a staff of assistant Masters.

PLYMOUTH, EGG BUCKLAND, WIDNEY COTTAGE. A limited number of Militia officers, who have passed the Civil Service Examination, are prepared for the Competitive Military Examination. Each term consists of 14 weeks prior to the examination, and commences on the 1st December and 1st June. Fees : for residents, 6 guineas a week, and non-residents, 3 guineas a week. Examinations for Militia Candidates are held twice a year, in the months of March and September, at the following stations :—Colchester, Aldershot, Dover, Portsmouth, York, Edinburgh, Dublin, Belfast, Cork. Principal, Major Letts.

\* PLYMOUTH, CORPORATION GRAMMAR SCHOOL. Established by Charter of Queen Elizabeth, 1573. The course of instruction includes Classics, Mathematics in its highest branches, Drawing, Divinity, Modern Languages, and English in all its branches. Pupils prepared for Universities, Army, Navy, Public Schools, and the Local Examinations, at which 128 certificates, 71 in honours, have been gained by the pupils up to 1873. Terms : boarders, from 40 to 60 guineas per annum ; and day-pupils, 8 to 12 guineas per annum each, with extras. The school year is divided into 3 terms of 13 weeks each. The vacations consist of 3 weeks at or about Easter ; 6 weeks at the end of the second term ; and 4 weeks at Christmas. Head Master, J. Bennett, M.A., and assistant Masters.

¶ \* PLYMOUTH, NORTH HILL GRAMMAR SCHOOL. Established 1851. Instruction in Classics, French, German, Mathematics, etc., to about 70 boys, of whom 50 are day-pupils, paying 9 to 13 guineas per annum, and the rest boarders, paying 40 to 50 guineas per annum, and extras. Pre-

paration for Matriculation at London University and Cambridge Local Examinations. Head Master, the Rev. Daniel Slater, MA., and 7 assistant Masters.

**PLYMOUTH, THE HIGH SCHOOL (LIMITED).** Established 1877. The school is divided into 3 departments, viz.:—a Classical and Modern side, with a junior school. The course of instruction comprises Latin, Greek, French, German, and all branches of Natural Science. Present number of pupils, 60 (none free), who are admitted from 8 years of age. Nomination by Shareholder. Terms: for boarders, about 50 guineas per annum; day-pupils, from 24 to 27 guineas per annum each. Entrance fee, 1 guinea. Vacations, 13 weeks. Head Master, J. R. Cohu, M.A., with 4 resident assistant Masters, University men, and 4 non-resident Masters. Secretary, J. Walker Wilson, 6, Courtenay Street.

\* **PLYMOUTH, COLLEGIATE SCHOOL.** Established 1864. Instruction in Latin, Greek, French, German, Spanish, Commercial, and Scientific education, to 38 pupils, none free; received from 6 to 14 years of age, and older by special arrangement. Terms: boarders, 30*l.* per annum; day-pupils, 6*l.* 6*s.* per annum each. Vacations, 10 weeks. Principal, P. J. Clarke, and 2 resident and 2 visiting assistant Masters.

\* † **PLYMOUTH, HOE GRAMMAR SCHOOL.** Established in 1865. Instruction in Classics, Mathematics, and usual English course, with Modern Languages. Preparation for the Cambridge Locals. Terms for boarders are from 35*l.* to 50*l.* per annum; and day-scholars pay 6 to 8 guineas each. Vacations, 10 weeks in the year. Principal, Alex. Simpson Hendry, with resident assistant Masters.

\* † **PLYMOUTH, SCHOLASTIC INSTITUTION.** Established 1854. Instruction in Classics, Mathematics, etc., to 120 boys, of whom 20 are boarders. Examination at University Local Examinations, at which 66 certificates, 12 in honours, had been gained up to 1873. Head Master, the Rev. J. Barter, and 4 assistant Masters.

\* **POCKLINGTON (Yorkshire), POCKLINGTON GRAMMAR SCHOOL (1st grade).** Founded 1514, by John Dowman. Re-constituted and reopened 1876, under Endowed Schools Act. Endowment, above 1,200*l.* per annum. Instruction to about 40 boys, none free, in Classics, Mathematics, French, German, etc. Pupils received from 8 years of age, and prepared for the Universities, Civil Service, and Army. Boarders, from 40 guineas per annum; day-scholars, 9*l.* per annum each. Has 4 Exhibitions, of 40*l.* per annum each, tenable 3 years, at S. John's College, Cambridge, open to boys who have been 2 years in this school. Head Master, the Rev. C. G. Wilkinson, M.A., and 4 assistant Masters.

**POCKLINGTON, SHERBUTT HOUSE ACADEMY.** Established January 1871. The education in this school is chiefly Commercial. Subjects taught: English, Latin, and French. Average number of pupils, 65. 20 boarders received at 22 to 24 guineas per annum; a limited number of day-pupils, from 2 to 5 guineas per annum each. Pupils received from 8 years of age. Examinations, Midsummer and Christmas. Vacations, 10 weeks. Principal, Charles Nicholls, and 2 resident and 2 non-resident Masters.

\* POLMONT (*Stirlingshire*), BLAIR LODGE, POLMONT STATION. The school is divided into 3 departments—1. Classical department; 2. Modern department; 3. Junior department. In the Classical department, study includes Latin, Greek, French, English Literature, Language, and Mathematics. In the Modern school, the course of study embraces French, German, Mathematics, Geography, English History, Literature and Language, and Natural Science. The Junior school is intended to serve as a stepping-stone between home and the Upper School. Pupils are specially prepared for Scholarships at the Universities, Indian, Home, and Civil Services, Entrance Examinations, for the Army, Woolwich, Line, etc., Cooper's Hill Engineering College, etc. Terms: boarders, from 70 to 80 guineas per annum; and day-pupils, 20 guineas per annum each, and extras. Vacations, 12 weeks. Principal, J. Cooke Gray, and a large staff of assistant Masters.

\* † PONTEFRAC (Yorkshire), KING'S SCHOOL (2nd Grade). Founded 1549. Endowment, 50*l.* per annum, with house. This school is now in abeyance.

PONTEFRAC, COMMERCIAL SCHOOL. Established 1849. The education is thoroughly Commercial, including Latin, Drawing, French, Chemistry, etc. Average number of pupils, 50. Terms: day-pupils, 6 guineas per annum; and boarders, about 30 guineas per annum each. Pupils admitted from 7 years of age. Principal, J. Norris, and 4 assistant Masters.

PONTARDAWE. See SWANSEA.

POOLE (*Dorset*) UPTON HOUSE. A limited number of resident pupils are thoroughly prepared for Woolwich, Sandhurst, the Indian Civil Service, Cooper's Hill, University, and other Competitive Examinations. Upton House is very large and conveniently arranged, quite in the country, with grounds running down to the sea, three hours distant from London, main line, with station close to the lodge gates. Bournemouth is within six miles. There are three terms in the year. The fees are moderate, having regard to the exceptional advantages, educational and otherwise, attainable. Principal, Rev. A. Chichester Burnard, B.A., Brasenose College, Oxford, assisted by graduates in honours of other Universities. See also Index to Appendix B.

POOLE, *near* LONGFLEET, SELDOWN HOUSE SCHOOL. The object of this school is to provide an education suitable for boys intended for the Professions, the Civil Service, Commerce, and Agriculture. The subjects of instruction comprise Classics, Modern Languages, Mathematics, the usual English subjects, Music, and Drawing. The fees for boarders are from 30*l.* to 33*l.* a year; for day-boys, 6*l.* to 10*l.* a year. Principal, William R. Cox, B.A., London.

POPLAR. See LONDON, E. DISTRICT.

PORTARLINGTON (*Queen's County, Ireland*), ARLINGTON HOUSE SCHOOL. Founded in 1839. The course of instruction at this school, which is unendowed, embraces the highest Classics and Mathematics, English in all its branches, French, German, Drawing, etc. The average number of scholars (boarders) is about 60. There are valuable open Exhibitions at Trinity College, Dublin. Half-yearly Examinations. The

terms for boarders are 50 guineas each. There are 10 weeks' holiday, and 2 vacations in the year. Head Master, the Rev. John Berry, M.A., T.C.D., assisted by 4 resident and non-resident Masters.

**PORTOBELLO** (*Edinburgh*), **WINDSOR LODGE ACADEMY**. The course of instruction comprises English and Commercial education, Latin, Greek, French, German, Mathematics, Drawing, Gymnastics, Dancing, etc. Terms : from 40 to 50 guineas per annum, and a few extras. Principal, the Rev. A. Barron, M.A., assisted by experienced resident and visiting Masters from Edinburgh.

**PORTORA** (*Ireland*), **PORTORA ROYAL SCHOOL**. This school is divided into 2 departments—Classical and Commercial. The course of instruction embraces all that is implied in a sound and extensive English, Classical, and Mathematical education, including French and German. There are 23 Exhibitions attached to the school, viz., 5 of 25*l.*, and 5 of 15*l.* tenable by boys in the school, and 5 of 40*l.*, and 5 of 30*l.*, also 3 of 7*l.*, tenable by pupils of the school who have entered Trinity College, Dublin. There are also 8 prizes. The Examinations of these Exhibitions are held in the month of September each year. Terms : for boarders, 60 guineas per annum ; and day-pupils, from 6 to 10 guineas per annum each, with extras. The school year is divided into 4 quarters. Head Master, Rev. William Steele, D.D. Second Master, W. J. Valentine, M.A., and assistant Masters.

**PORTSMOUTH** (*Hants*), **PORTSMOUTH GRAMMAR SCHOOL** (*1st Grade*). Founded 1732, by Dr. W. Smith. Endowment, 200*l.* per annum. The new buildings will accommodate 350 boys. Mr. Serjeant Gaselee, who formerly represented Portsmouth, has given 1,250*l.* for the founding of a Scholarship, tenable at Oxford or Cambridge. This school is divided into an upper and a lower division. In the upper the course of instruction is adapted to the requirements of boys intended for the Army, the Professions, and the Universities. The following subjects are taught :—Latin, Greek, French, German, English (Language, Literature, and History), Geography, Mathematics, Physical Science, Drawing, Political Economy, and Vocal Music. Religious instruction is given, subject to a conscience clause. There is a well-appointed Chemical and Physical Laboratory. Boys are specially prepared for Sandhurst and Woolwich, for the Navy and for the Civil Service. There are 15 Junior Scholarships, tenable for three years at this school ; and 1 Gaslee Scholarship of 45*l.*, tenable for 3 years, at Oxford or Cambridge. Prizes are given in July, to the value of 50*l.* The school is annually examined by the Oxford and Cambridge Schools Examination Board. Portsmouth Grammar School is a provincial centre for the London University Matriculation Examination annually in January. The school year consists of 3 terms, of 13 weeks each, commencing in January, May, and September. The Rev. J. H. Anderson receives boarders at his house, Elsinore, Southsea, near the school and the sea. The terms are, for one boy for the whole school year and the holidays, 100 guineas. For the school year only, the inclusive terms for boarders are 70 guineas. Head Master, A. W. Jerrard, Esq., M.A., late Junior Student of Ch. Ch., Oxford, assisted by the Rev. S. T. Briscoe, M.A., late Exhibitioner of St. Catherine's College, Cambridge, and 10 other assistant Masters.



\* PORTSMOUTH, BROUGHAM HOUSE ACADEMY, KINGSTON. Established 1867. Pupils are prepared for the Cambridge and Oxford Middle Class Examinations, University Matriculation, Preliminary Medical, Legal, Civil Service, Army, and Navy. Instruction in Latin, Greek, French, Writing, Mensuration, Arithmetic, Algebra, Euclid, Chemistry, and English in all its branches. Terms: boarders, from 30 to 35 guineas per annum; and day-pupils, from 4 to 6 guineas per annum each. Principal, William Lucius Curtis, assisted by resident and visiting Masters.

POTTON (*Bedfordshire*), BROOK HOUSE. A limited number of pupils received and prepared for Eton, Rugby, Clifton, and other Public Schools. Terms: 75*l.* to 90*l.* per annum each; Music and Drilling are extras. Vacations, about 14 weeks. Principal, Charles Ford, M.A., and assistant Masters.

POWICK, *near* WORCESTER (*Worcestershire*), HOLLY LODGE. A limited number of pupils received (6 or 7 gentlemen's sons), intended for general education, or for the Preliminary or Local Examinations. Terms: day-pupils, from 20*l.* to 25*l.* a year; and boarders, 80*l.* a year each. Principal, the Rev. Alfred Bond, B.A.

\* PRESTEIGN (*Radnorshire*), THE GRAMMAR SCHOOL (3rd Grade). Founded 1565 by John Beddoes. Endowment, 330*l.* per annum, and capitation fees. School re-organised in 1870, and a new Master appointed. Free boys limited to 7. Instruction in Latin, Mathematics, and English course to 150 boys on foundation. A building is likely to be shortly erected to accommodate 40 resident boarders, and it is proposed under the new scheme to extend the benefits and endowments to all the Universities, and to erect buildings to accommodate 40 county boys. There are Exhibitions to the Universities. Principal, the Rev. Chas. Price Green, B.A.

\* PRESTON (*Lancashire*), PRESTON GRAMMAR SCHOOL. Endowment, 55*l.* per annum, increased by Corporation to about 250*l.* per annum. Instruction to from 120 to 150 boys of the town, who, if sons of freemen, pay 2 guineas per annum, and if not, 4 to 10 guineas per annum; boarders pay 45 to 55 guineas per annum. The course of instruction comprises Classics, Mathematics, English, French, German, Chemistry, and Drawing. Pupils are received from 8 years of age, and prepared for the Oxford and Cambridge Local Examinations, etc. 189 certificates have been gained by pupils at this school up to 1883, 77 in honours. Has 6 Scholarships of 10*l.* each, tenable 3 years in school, and 3 Scholarships of 70*l.*, 50*l.*, and 40*l.* per annum respectively, and tenable 4 years at University. Vacations, 13 weeks. Head Master, Rev. A. B. Beaven, M.A., of Oxford, and 6 assistant Masters. See also Index to Appendix A.

PRESTON (*near*), HUTTON GRAMMAR SCHOOL (2nd Grade). Founded sixth year of King Edward VI., 1562 (under the Penworthan Trust, which has an endowment of about 1200*l.* a year). Enlarged in 1881, a dining hall and additional dormitories being added. Boys are prepared for Professions and Mercantile life. Present number, 30 day boys and 22 boarders. Fees: for boarders, 39 guineas; day-boys, 4 guineas. Instruction in Latin, French, English, Mathematics, Science. Head Master, Rev. B. C. Huntly, M.A., St. John's College, Cambridge, with assistant Masters.

PRESTON, PRESTON COMMERCIAL SCHOOL. Erected in the year 1844,



by Richard Newsham, Esq. It is a middle-class school in connection with the Church of England. There is no endowment, and the Trustees are the Vicar, the Mayor, and the Recorder of Preston, and Mr. Newsham. The school is inspected once a year, at Christmas, by a duly qualified Examiner, selected by the Trustees, and prizes are awarded by the leading gentlemen of the town. Principal, T. J. Bakewell, and assistant Masters.

PRESTON, HUTTON GRAMMAR SCHOOL. See PENWORTHAM.

† PRESCOT (*Lancashire*), PRESCOT GRAMMAR SCHOOL. Founded before 1600. Endowment, 143*l.* per annum, and house. Instruction to 95 boys, of whom 80 are Foundationers, in Classics, Mathematics, French, and English course. Head Master, Edward Lawler.

† PRIOR'S SALFORD (*Warwickshire*), FREE SCHOOL. Founded 1656, by W. Perkins. Endowment, 87*l.* 16*s.*, with house. Is now an Elementary English School. Head Master, vacant.

PROSPECT. See SALTASH.

\* PROBUS (*Cornwall*), PROBUS SCHOOL. This school was founded in 1853, by the Rev. D. Trinder, M.A., of Exeter College, Oxford, then Curate of Probus, now Vicar of Teddington. His object was to make it a public county school for Cornwall, and to provide a sound and liberal education at a moderate cost. The present commodious buildings were opened by Bishop Trower. Instruction to 50 boarders and 8 day-boys in Latin, English, Mathematics, Natural Philosophy, etc. Annual terms for board and tuition, 36 guineas (the only extra charges are for French, German, and Greek); day-pupils, 6 guineas. Pupils prepared for the Cambridge Local Examinations. Vacations, 13 weeks. Principal, the Rev. R. Blackmore, M.A., late Exhibitioner Christ Church, Oxford, with assistant Masters.

† PROBUS, ENDOWED SCHOOL. Founded 1687, by John Williams. Endowment, 10*l.* per annum. Is now a Public Elementary School, under Government inspection. Head Master, J. H. Nicholson, Certificated Teacher, II. Class, 1st Division.

PUTNEY (*Surrey*). See LONDON, S.W. DISTRICT.

## R.

\* \* RADLEY (*Berks*), S. PETER'S COLLEGE, known as RADLEY SCHOOL, is situate 5 miles from Oxford and 2 from Abingdon. The College of S. Peter was opened June 9th, 1847. It is a boarding school. The design of the school is for the education of youth in general knowledge and literature, and particularly and especially in the doctrines and principles of the Church of England now established, as the same are set forth in the Book of Common Prayer and administration of the sacraments, and other rites and ceremonies of the Church, and this education includes the usual branches of a Public School education, with the addition (without extra charge) of French, German, Vocal Music, Geometrical and Freehand and Water-Colour Drawing. In the modern department more Mathematics, History, and Modern Languages are taught, than in the

school at large. Swimming must be learned before boys are allowed to enter the boats. Boys are admitted between the age of 10 and 15, and are prepared for the Universities, the Competitive Examinations, the Army, Navy, Civil Service, etc. Entrance Scholarships: The Sewell Scholarship founded in memory of the late Dr. W. Sewell, value 55*l.* per annum, will be filled up in alternate years; 4 Scholarships, value 50*l.*, 40*l.*, 30*l.*, and 20*l.*, respectively, are filled after the Easter holidays in each year. The Entrance Scholarships are tenable for 4 years. Scholarships: A Scholarship founded by Sir. Walter C. James, Bart., for boys under the age of 18 value 30*l.*; 2 Scholarships founded in memory of the late Rev. William Beadon Heathcote, formerly Warden, value 20*l.* each; a Scholarship founded by the late William Gibbs. Esq., value 20*l.* Each of these Scholarships is tenable for 1 year only. There are 130 boarders; no day-boys. The Examinations are held by Oxford and Cambridge Examiners in July. The school fees, etc., are: entrance fee (which is not charged for boys under 12 years of age), 10 guineas; college fees (inclusive of board and lodging), for boys under 13 at date of entrance, 90 guineas per annum; for boys under 14 at date of entrance, 100 guineas per annum; for boys under 15 at date of entrance, 110 guineas per annum. Doctor and Gymnasium, 9 guineas per annum. Warden, the Rev. Robert J. Wilson, M.A., Fellow and late Tutor, Merton College, Oxford.

\* RAINHILL (*Lancashire*), WESTBANK SCHOOL. The course of instruction comprises the various branches of a sound practical education, including Mathematics, Latin, and French. Advanced pupils are prepared for the Oxford and Cambridge Local Examinations. A limited number of boys are received as boarders. Vacations, 9 weeks. Terms: 8 guineas per annum. Principal, George Eyre, with the assistance of a French and Music Teacher.

\* RAMSEY (*Hunts*), FREE GRAMMAR SCHOOL. Founded 1656. Endowment, 200*l.* per annum. Instruction in Classics, Mathematics, and Commercial knowledge, to 80 scholars from 8 years old. The sons of the inhabitants of Ramsey pay 2*l.* per annum. 6 boarders from 30*l.* to 40*l.* per annum. Examinations annually by Trustees' nominees. Vacations, 10 weeks. Head Master, the Rev. John Richards, M.A., and an assistant Master.

RAMSGATE (*Kent*), SOUTH-EASTERN COLLEGE. This school is intended to afford a sound education based on the Protestant and Evangelical principles of the Church of England. The school year is divided into three terms; each term consists of about 13 weeks. The fees for board and tuition are from 42 to 50 guineas per annum. Exhibitions and Scholarships of 10*l.* and 15*l.* are annually thrown open for competition. The pupils are prepared for the Oxford and Cambridge Local and all other Examinations, and the whole College is submitted every year to an examination held by the Universities' Syndicate. President, the Very Rev. the Dean of Canterbury. Head Master, the Rev. E. d'Auquier, B.A., Clare College, Cambridge, one of the Examiners to the Irish Board of Intermediate Education, assisted by a large staff of assistant Masters.

RAMSGATE, BIRCHINGTON-ON-SEA. See letter B.

\* RAMSGATE, THE VALE ACADEMY. Established 1857. Pupils are prepared for the Universities, the Professions, the Civil Service, the Oxford Local Examinations, and Commercial pursuits. 69 certificates have been gained by pupils at this school at the University Locals up Greek, French, German, Mathematics, Drawing, and Natural Science. The school year is divided into 3 terms of 13 weeks each. Terms: 36*l.* to 45*l.* per annum. Principal, M. Jackson, with assistant Masters.

\* RAMSGATE, WEST CLIFF SCHOOL. Established 1864. Instruction at this school is given to 60 pupils in Latin, Greek, French, and German. Special attention is given to Book-keeping, Chemistry, and Higher Mathematics. Fully impressed with the importance of technical education, 3 workshops have been fitted up, where the pupils, under necessary supervision, have every opportunity for becoming practically acquainted with the various industrial arts, and acquiring dexterity therein, whilst in the laboratory the laws of Chemistry, etc., are studied and exemplified. Annual terms: boarders, 50 to 60 guineas; day-boys, 12 to 16 guineas. Examinations, College of Preceptors, at Christmas; Oxford Locals, at Midsummer. The scholastic year is divided into 3 terms, each consisting of 13 weeks. Principal, A. P. Southee, A.C.P., with 5 resident and 2 non-resident assistant Masters.

RAMSGATE, HERESON HOUSE. Established 1830. The course of education is based upon the system pursued at the most successful schools. Pupils who are intended for Commercial pursuits receive special attention. Hebrew, Greek, Latin, and all Modern Languages are carefully taught. There are about 12 pupils in attendance. The year is divided into 2 terms. Vacations, 12 weeks. Terms, 100 guineas per annum. Principal, J. Tritsch, with 2 resident and 2 non-resident Masters.

RAMSGATE, CONYNGHAM HOUSE SCHOOL. The education in this school is of the most thorough kind, and the course includes instruction in the Latin, Greek, and French Languages, in Arithmetic, Higher Mathematics, and the usual subjects comprised in a liberal and general education. Pupils are prepared more especially for the Public Schools. Average number of pupils, 30, all house-boarders. The year is divided into 3 terms, corresponding to the Public Schools. Vacations, 15 weeks. Inclusive terms, per annum, 100 guineas. Principals, C. H. Rose, M.A., and Rev. H. C. V. Snowden, B.A., assisted by 2 resident Masters, University men, and 3 non-resident, for Modern Languages, Music, and Drawing, respectively.

RAMSGATE, S. LEONARD'S, THE ELMS. Established 1869. A limited number of pupils of the higher classes to board and educate. The course of instruction comprises English in all its branches, Classics, French, German, Mathematics. The year is divided into 3 terms. Vacations, 13 weeks. Terms, per annum: 80 to 100 guineas. Principal, Monsieur E. Laurens.

\* RAMSGATE, HADLEIGH HOUSE SCHOOL. The course of instruction embraces the following subjects: Latin and Greek, French and German, English Language, Mathematics, Drawing, Music. School fees: from 33 to 39 guineas per annum. Each of the 3 terms into which the year is

divided averages 13 weeks in duration. Principal, H. Warren, M.C.P., assisted by resident and visiting Masters.

\* RAMSGATE, GRANVILLE COLLEGIATE SCHOOL, S. LAWRENCE-ON-SEA. Established 1870. Curriculum: English in all its branches, Mathematics, Arts, Sciences, Languages. Public Examinations at Midsummer and Christmas. Terms: from 36 to 42 guineas per annum; day-pupils, non-resident, 9 to 12 guineas per annum. 3 terms per annum. This school is now closed.

RAMSGATE, THE MIDDLE CLASS SCHOOL. For boarders and day-scholars, at very moderate terms. The subjects taught are English, Latin, French, Mathematics, Writing, and Book-keeping, also Music and Drawing. Principals, Messrs. Stewart and Pritchard.

\* RAMSGATE, CHATHAM HOUSE SCHOOL. New and extensive buildings have just been completed, and the school system is framed expressly to combine the advantages of a Public with those of a Private School. Vacations, 13 weeks. Terms: for boys entering under 15 years of age, 70 guineas; for boys entering over 15 years of age, 80 guineas. There is a junior branch for boys from 7 to 12 years of age. Fees, 55*l.* to 65*l.* a year inclusive. Head Master, Rev. E. G. Banks, M.A., Worcester College, Oxford, with a large staff of assistant Masters.

RAMSGATE, ABERDEEN HOUSE. The course of instruction embraces English, Classics, Mathematics, French, and German. Pupils are prepared for the Universities and the Public Schools, for the Oxford and Cambridge Local Examinations, and for the Special Preliminary Examinations connected with the study of Law and Medicine. Fees: for board and tuition, 60 to 100 guineas per annum. Rev. George Simmers, M.A. (Prizeman in Classics, Logic, and Moral Philosophy), Honorary Curate of Christ Church, Ramsgate.

RAMSGATE, RICHMOND HOUSE, THE ELMS. Preparatory school for a limited number of boys under 12 years of age. Instruction in Latin, French, and all the branches of an English education. The year is divided into 3 terms. Fees, per annum: 40 guineas; daily pupils, 10 guineas. Principals, Mrs. Le Dieu and Miss Woodhouse, with the assistance of Classical and other Masters.

\* † RAMSGATE, ROYAL TERRACE SCHOOL. The course of instruction comprises Reading, Writing, Grammar, Composition, English Literature, Practical Geometry, etc., and for those intended for the learned Professions or the Universities, the Latin and Greek Languages, Algebra, Euclid, Trigonometry, etc. Pupils are also prepared for the Civil Service and Middle Class Examinations. Terms: for board and education, 30 to 40 guineas per annum each. Vacations, 12 weeks in the year. Principal, William F. Pygott, assisted by resident and other Masters.

\* † RAMSGATE, MIDDLE CLASS SCHOOL. Preparation for University Local Examinations. Principal, the Rev. J. H. Myers.

RAMSGATE, THE ELMS. A small number of pupils are received to be prepared for Public Schools, the Universities, etc. Instruction in Classics, Mathematics, French, English, Music, German, Drawing,



Drilling, etc. The school year is divided into 3 terms. Fees, per annum, from 70 to 80 guineas. Principal, the Rev. Henry J. Wardell, M.A., late Scholar of Emmanuel College, Cambridge, with assistant Masters.

RAPHOE (*Ireland*), ROYAL SCHOOL. Founded temp. Charles I. Endowment, 453*l.* per annum. Instruction in Classics, Mathematics, French, and English course to 40 boys, of whom 3 are free, 24 are boarders, and 11 day-scholars. Vacations, 10 weeks. Head Master, the Rev. J. A. Weir, A.B., and 2 resident assistant Masters.

\* RASTRICK, *near* BRIGHOUSE (*Yorkshire*), RASTRICK GRAMMAR SCHOOL. Founded 1701, by Mrs. Mary Law. Re-modelled under a scheme of the Endowed School Commissioners, 1875. Endowment, about 83*l.* Good Commercial education, Latin, French, Drawing, and Drill. Average number of boys 78, 10 per cent. free. Fees: 6*l.*, 4*l.* 4*s.*, and 3*l.* a year. Partial exemption from fees. Scholarship competed for by boys in the school, and by boys in the elementary schools in the district. Examinations at Midsummer by an Examiner appointed by the Governors. Vacations: at Christmas and Midsummer, 1 month; 1 week at Easter; a few days at Whitsuntide and in August. Head Master, Thomas Arnott Storr, University of London, with a staff of assistant Masters.

RATHFARNHAM (*County Dublin, Ireland*), COLLEGE OF S. COLUMBA. Founded A.D. 1843. The course of instruction is of the same nature as that of the great Public Schools in England, in which Classical studies are made the chief foundation. The college is intended to prepare pupils for the Universities, for the several Professions, or for the Military and Civil Services. There are 2 Exhibitions attached to the school, 20*l.* and 25*l.* each, open to all boys in the school who shall have completed 2 years since they entered. The college fees, including all tuition, are 60 guineas; sons of clergymen, 40 guineas a year. A vacation of 7 weeks is allowed at Midsummer (beginning the last week in June), and 1 of 5 weeks at Christmas. Warden, Rev. Robert Rice, M.A., Ch. Ch., Oxford, who is assisted by resident Tutors.

RAYLEIGH (*Essex*), RAYLEIGH COLLEGIATE SCHOOL. Established 1797. Curriculum, Commercial subjects most prominent. Terms: boarders, from 26 to 30 guineas per annum. Principal, R. Henson, Member of the Royal College of Preceptors, with 3 assistant Masters.

RAVENSTONEDALE (*Westmoreland*), FREE GRAMMAR SCHOOL. Founded 1688, by Rev. Thomas Fothergill. Endowment, 58*l.* per annum. Instruction in Latin, Mathematics, and English course. Average number of scholars, 60, 12 free. Fees of others, from 14*s.* to 20*s.* per annum. Vacations: Midsummer, 5 weeks; Christmas, 2 weeks. Head Master, Arthur Hainsworth, with a staff of assistant Masters.

RAWDON (*Yorkshire*), LOW GREEN SCHOOL. Established in 1832. Connected with Society of Friends. Endowment, about 120*l.*, aided by annual subscriptions. Affords instruction and board to 30 boys (none free), from 8 years old, at 10*l.* 14*s.* and 18*l.* per annum each. Pupils are admitted by Committee chosen annually by Yorkshire Friends. Vacations, 5 weeks. Head Master, Charles Barnard.



**\*\* READING (*Berks*), READING GRAMMAR SCHOOL (*1st Grade*).** This well-known school was founded A.D. 1486, by Henry VII. The foundation stone of the new school buildings was laid by H.R.H. the Prince of Wales in July 1870, and the buildings were formally opened by Lord Chancellor Hatherley in September 1871. The buildings are situated in one of the best suburbs of the town of Reading, and include a large common hall, or schoolroom, 12 class-rooms, 3 Masters' residences, with 110 single dormitories, chapel, gymnasium, etc., and the buildings and grounds comprise an area of about 13 acres. The school is divided into Classical and Modern sides, and the subjects are the same as at other Public Schools. The division and curriculum of the school is as follows: All boys below the third form are taught the usual English subjects, Latin, French, Arithmetic, Algebra, Drawing, and the elements of Natural Science, and the school is subdivided into the Classical side, preparing boys directly for the Universities, Public Appointments, Cooper's Hill, Army, Navy, etc. The principal subjects taught in this division will be Holy Scriptures, Latin and Greek, Mathematics, English, French, and German, and Drawing. The Modern side preparing boys for Public Competitive Examinations, in which Greek is not required, and for Engineering and Mercantile pursuits. School fees for all boys, from 10*l.* to 24*l.*, according to age and work. Inclusive fees for boarders, 64 to 75 guineas per annum. No free scholars. 2 Scholarships of 100*l.* a year, for 4 years, at St. John's College, Oxford; 7 of 30*l.* for 3 years, tenable at any University; Scholarships of 30*l.* and 20*l.*, tenable at the school itself. Yearly Examinations by Oxford and Cambridge Schools Examination Board. Vacations, Midsummer, 7 weeks; Christmas, 4 weeks; spring, 3 weeks. The school is now receiving a great accession in the number of scholars, and promises to take a leading place in Public School education. Richard Valpy, D.D., F.A.S., who died March 28th, 1836, a beautiful monument to whose memory is in Kensal Green, was for 50 years the Head Master of this school. Head Master, the Rev. W. Walker, M.A., Trinity College, Dublin, First Class Mathematical Honours, 1865; First Class Finals, 1866; Second Master, C. H. Jeaffreson, M.A., First Class Classical Moderations, Oxford; and a staff of 12 other assistant Masters.

**READING, KENDRICK SCHOOL FOR BOYS, QUEEN'S ROAD.** Established in 1877. The system of education comprises Religious Instruction, Reading, Writing, Arithmetic, English Grammar, Composition and Literature, Geography, History, Book-keeping, Mathematics, Natural Science, French, Latin, Drawing, and Vocal Music. The tuition fee, which covers all subjects of instruction, including Drilling, is 5*l.* per annum. The school year is divided into three terms, averaging 14 weeks each. Annual Examinations are held by Examiners unconnected with the management of the school. The Science and Art Classes are subject to inspection and examination by the Science and Art Department, South Kensington. Scholars are submitted to the University Local Examinations. Not less than five (or six) Exhibitions, entitling the holders to partial or total exemption from fees for three years, are annually competed for in the month of November by scholars from Elementary Schools. Head Master, Frederick McDowell, St. Alban Hall, Oxford, and 5 assistant Masters.

READING, READING TRADE SCHOOL, FRIAR STREET. The school is in connection with the new Science and Art Schools. The organisation is that of a Modern School, and pupils are prepared for the various Professions, the Matriculation of the London University, the Civil Service, Agriculture, etc. A preparatory school for juniors. Terms: for the Preparatory School, day-pupils, 10*l.*; boarders, 50*l.* per annum. For the Trade School the fees remain the same to those entering from the Preparatory School. Music, German, and Greek extra. Principals, Professor H. Hoffert, and H. H. Hoffert, and assistant Masters.

READING. MARLBOROUGH HOUSE, CASTLE HILL. Preparatory school for young gentlemen. Terms: 36*l.* per annum. Principals, Miss S. R. Binfield and Miss Matthews.

READING, PARK HOUSE. Pupils are received from the ages of 8 to 14 years, and prepared for the Public Schools. Curriculum: General and Classical education, Mathematics, French, and Drill. There are about 45 boys, there being room for 48. There are 3 terms. Vacations, 15 weeks. Terms, 90 guineas per annum. Principal, Arthur C. Bartholomew, M.A., Trinity College, Oxford, with 4 assistant Masters, all University men.

READING, TIMSBURY HOUSE SCHOOL. Boys between the ages of 8 and 14 years are received as Boarders, and instructed in the Holy Scriptures, English, Latin, Greek, French, Mathematics, Writing, Arithmetic, Geography, History, Drawing, and Vocal Music. Pupils are prepared for the Public Schools, and, with very few exceptions, pass from this school to them. Boys have been well "placed" at Rugby, Marlborough, Winchester, Wellington College (Foundation included), Charterhouse, Haileybury, the Naval School, etc. In the examination for Naval Cadetships on board H.M.S. "Britannia," in June, 1878, a pupil stood 14th in order out of 43 passed. The school is divided into three terms. The school fees are 60 guineas yearly for pupils under 10 years of age; 65 guineas for pupils between 10 and 12; 70 guineas for pupils above 12. Number in residence, June 1879, 63. Principal, the Rev. Albert C. Daymond, formerly Head Master of the Albert Memorial College, Framlingham, with assistant Masters.

\* READING, YORK HOUSE BOARDING AND DAY SCHOOL, SOUTH STREET. The education embraces both the higher study, and those subjects comprised in a Commercial education. Pupils are prepared for the Oxford and Cambridge Middle Class Examinations, and for those of the College of Preceptors, and the Civil Service. Terms: day-pupils, from 5*l.* to 6*l.*; boarders, from 25*l.* to 30*l.* per annum. 3 terms in the school year. Vacations, 10 weeks. Principal, William Holloway, with assistant Masters.

REDENHALL, *near* HARLESTON (*Norfolk*), THE REDENHALL SCHOOL. Established 1821. The course of instruction includes all the branches of a sound English education, with Latin and Freehand Drawing. Extra subjects—Greek, French, German. Average number of pupils 38, none free. Terms: boarders, from 16 to 24 guineas; day-boys, 4 guineas. Examinations at the end of each term, with a special examination at the end of the summer term. Vacations, 13 weeks

in the year. Head Master, William Boyce, 8 years senior assistant Master in the Fauconberge Grammar School, Beccles, with 1 resident assistant Master.

REDHILL (*Surrey*), ROSSMEAD SCHOOL, LONDON ROAD. Established 1874. The course of instruction comprises a thorough English education, together with Classics, Mathematics, Modern Languages, and Science. Pupils can be prepared for Matriculation at London University, and for all other ordinary Examinations. Terms: weekly boarders, 50 guineas per annum; day-pupils, 12 guineas per annum. Vacations, 12 weeks. Principal, Joseph John Gill, of London and Heidelberg Universities, with 3 non-resident assistant Masters.

REDMIRE. See BOLTON-CUM-REDMIRE.

REETH, near RICHMOND (*Yorkshire*), THE FRIENDS' SCHOOL. Endowment, about 120*l.* per annum. Provides a general education for 200 children of the district at small fees; and French, Latin, etc., on payment of 6*l.* per annum. 30 boys and 20 girls free. Fees: 3*d.*, 4*d.*, and 6*d.* per week, all day-scholars. Government Examination in October; Trustees' Examination in June. Vacations, 7 weeks. 1 Master, 1 Assistant, and 3 Pupil Teachers, non-resident.

REIGATE (*Surrey*), REIGATE GRAMMAR SCHOOL (*2nd Grade*). Founded 1675. Endowment, about 368*l.* per annum, with schoolroom, 3 class-rooms, and playground. About 2 acres of land have been recently added to the playground, the gift of A. J. and W. B. Waterlow. This school is now under a new scheme. The course of instruction enables pupils to pass the preliminary examinations for the Medical and Legal Professions, the Public Schools, the Local Examinations of the Universities of Oxford and Cambridge, and the Universities. The recently erected school buildings stand in their own grounds of 3 acres, overlooking a park to the Surrey Downs, and are situated in the best part of this healthy locality, on an eminence near the old Parish Church. The Head Master receives into his house, upon strictly inclusive terms, a limited number of boarders, who are instructed in Latin, French, Mathematics, Natural Science, English, Drawing, Part Singing, Drilling, Religious Knowledge, and every branch of a sound English education. Extra subjects (optional), Greek, German, Superior Drawing, and materials, 3*l.* a year each. There is an Annual Examination by a Graduate of one of the Universities, appointed by the Governors, when the Martin Exhibitions, amounting to 30*l.*, and Prizes are awarded to the most deserving pupils. Terms: board, 45*l.* a year; tuition fees for boys, according to age, 7*l.* to 10*l.* a year; entrance fee, 5*s.* Head Master, F. G. Johnson, M.A., late Scholar of St. Peter's College, Cambridge, and 6 assistant Masters.

REIGATE, STONELEIGH. Boys between the ages of 8 and 14 are prepared for the Public Schools. The course of instruction includes Classics, English, Mathematics, and French. Music and Drawing can be arranged if desired. Special care is taken to ground the pupils thoroughly. Terms: for boys under 12, 80 guineas; above 12, 90 guineas; sons of clergy and officers, under 12, 60 guineas; above 12, 70 guineas per annum; 36 guineas a year for day-pupils. Head Master, C. F. Booty, M.A., Christ's College, Cambridge, assisted by a resident Tutor.

† \* REIGATE, CLASSICAL SCHOOL. Preparation for University Local Examinations. Principal, J. Payne.

REGENT'S PARK. See LONDON, N.W. DISTRICT.

REPTON SCHOOL. See PUBLIC SCHOOLS, Part V., page 326.

RETFORD. See EAST RETFORD.

† \*\* RICHMOND (*Yorkshire*), RICHMOND GRAMMAR SCHOOL. Founded 1567, by Queen Elizabeth. Endowment, 275*l.* per annum. The system of "bifurcation," or division into Classical and Modern sides, is adopted in all forms, except the 2 lowest. Provision is thus made for the special wants of boys preparing for Mercantile life or for Examinations which are not mainly Classical. The regular course of instruction includes Latin, Greek, English, French (for which German is substituted in the sixth form), Mathematics, Writing, etc. There is a Singing Class, to which boys are admitted free of charge. On the Modern side of the school, provision is made in the upper forms for boys who do not learn Greek; for these German forms part of the regular work. The boys attending the school are foundationers, home boarders, and boarders. There is a Preparatory School for younger boys between the ages of 8 and 12. 2 house scholarships at least are awarded annually, tenable as long as the holders remain at the school: 1 of 35*l.* per annum, open to all boys under 16 years of age; 1 of 20*l.* per annum, open to all boys under 13 years of age. Exhibitions to the Universities: the Earl of Zetland, Sir Roundell Palmer, M.P., and the Head Master, have each granted to the school an Exhibition of 30*l.* a year, tenable for 3 years at any College at Oxford or Cambridge. There are 7 other Examinations, varying from 30*l.* to 75*l.* per annum in value. School fees: 1. Foundationers, sons of ratepayers in or within 3 miles of Richmond, 10 guineas per annum. 2. For boys not entitled to the benefit of the foundation, 18 guineas per annum. Also an entrance fee of 3 guineas for all non-foundationers. Boarders above 12, 50*l.* per annum; under 12, 45*l.* Vacations, 13 weeks. Head Master, the Rev J. Snowdon, M.A., Fellow of St. John's College, Cambridge, sixteenth Wrangler, second Classman in Classical Tripos, Crosse Theological, and Tyrwhitt's Hebrew Scholar, with 9 resident assistant Masters.

\* RICHMOND (*Surrey*), HOLBROOK HOUSE SCHOOL, RICHMOND HILL. In the junior division pupils are received from the age of 7, at terms of 40 guineas per annum, and carefully grounded in Latin, French, English. In the senior division the course of study is adapted to the requirements of the Oxford and Cambridge Local, the various Competitive Examinations, the Public Schools, entrance to the Royal Navy, etc. 50 certificates have been gained by pupils at the University Locals up to 1873, 12 in honours. The year is divided into 3 terms. Fees: from 45 to 50 guineas per annum. Principal, R. McEwan, L.C.P.; Vice-Principal, J. E. Bingle, and a staff of resident Professors.

RICHMOND, 12, CARDIGAN ROAD. Efficient preparation for Woolwich, Sandhurst, Cooper's Hill, and the Universities. The academical year is divided into 3 periods, each consisting of from 12 to 14 weeks. Terms: 100 to 150 per guineas per annum; and for officers preparing for the Staff College, 200 guineas per annum. Principal, J. F. Heather, M.A., with the assistance of other Masters.



\* **RICHMOND, S. JOHN'S COLLEGIATE SCHOOL.** Established 1851. This school offers to boys a sound and comprehensive course of education, with a view to their proceeding to the Public Schools and Universities, or Professional Life. The course of instruction includes the Greek, Latin, French, and English Languages, Mathematics, and Drawing. Pupils are also prepared for the Civil, Naval, and Military Services, for Matriculation at the London University, and for the University Local Examinations. The year is divided into 3 terms. Vacations, 12 weeks. Charges per annum for boarders, from 50 to 60 guineas; day boarders, 7 to 8 guineas per term; for Army pupils the terms are from 120 to 150 guineas per annum, according to the nature of the Examination, to include board and tuition. Principal, W. A. Older, F.R.G.S., first B.A. in Honours of the London University, assisted by a staff of Tutors.

**RICHMOND HILL, OLNEY HOUSE, CHURCH ROAD.** Resident and non-resident pupils are prepared for Preliminary Legal and Medical, London Matriculation, Public Schools, Universities, Indian and Home Civil Service, etc. Fees: resident, per month, 12 guineas; non-resident, 7 guineas per month. Subjects: Classics, Mathematics, Natural and Experimental Science, English Language, History, Literature, French, German, and Political Economy. A home is also offered to pupils whose parents are abroad. Principal, G. Ardaseer, late I.C.S., assisted by a staff of Masters.

**RICHMOND, THE HOMESTEAD, MARSHGATE,** removed from 22 and 23, Colville Terrace, Kensington Park, W. Resident and non-resident pupils are prepared for Woolwich, Sandhurst, Cambridge Scholarships, Indian and Home Civil Service, and other Competitive Examinations. Terms: resident pupils, 14 guineas per lunar month, including tuition in Mathematics, Classics, English, and French; non-resident pupils, 7 guineas per month. Principal, the Rev. Charles F. Coutts, M.A., late Scholar and Hare Exhibitioner of St. John's College, Cambridge, 17th Wrangler 1865, assisted by graduates of English and Foreign Universities.

**RICHMOND, BEECHCROFT COLLEGE, ONSLOW ROAD, RICHMOND HILL.** Pupils are prepared for the University and important Examinations, or the Public Schools. Fees, per annum (inclusive): full boarders, from 60 to 75 guineas; daily pupils, 15 to 24 guineas. Principal, Edward P. Hayward, F.S.Sc. (London), assisted by 15 resident and visiting Masters.

† \* **RICHMOND HILL, BURLINGTON HOUSE.** Pupils are prepared for the Universities and Public Schools. The ordinary course of instruction includes English, French, Latin, Greek, Mathematics, Drilling, and Singing, Greek being omitted till a boy is somewhat advanced in the other subjects, on the following terms per annum: board and education, 65 to 80 guineas. Principals, Reginald Hawkins, M.A., Cambridge, and A. W. Fines Clinton, M.A., Oxford, assisted by Graduates and other Tutors.

\* † **RICKMANSWORTH (Herts), THE CEDARS SCHOOL.** Instruction in Classical and Commercial course, and preparation for the University Local Examinations. Principal, the Rev. Dr. Hurndall, with a staff of Masters.

**RICKMANSWORTH, FROGMORE COLLEGE.** The course of study embraces thorough English, Physical and Political Geography, Ancient and



Modern History, Latin, Arithmetic, Algebra, etc. Extras: French, German, Greek, Drawing, Music, Piano, and Singing, 4 guineas each per annum. Boarders, under 12 years of age, 30 guineas; above 12, 36 guineas per annum. Principal, Rev. Daniel Patterson, M.A.

RIPON (*Yorkshire*), THE GRAMMAR SCHOOL (*1st Grade*). Founded 1555, by Philip and Mary. Endowment, about 600*l.* per annum. The education is that usual in a First Grade Grammar School, Classics, Mathematics, and English course, French, German, and Drawing. Present number of pupils, 100; the school has been steadily increasing. None free, unless by Exhibition. Tuition fees: Lower School, 4*l.*; Upper School, 8*l.*; boarding fee, 45*l.* per annum. There are 3 De Grey Exhibitions at Oxford or Cambridge, 50*l.* per annum, for 3 or 4 years; the privilege of competing for the Hastings Exhibitions at Queen's College, Oxford, 75*l.* and 90*l.* for 5 years. Examinations at Midsummer, by special Examiners appointed by the Governors. Vacations, 12 weeks. Dr. Hutton, Archbishop of Canterbury, and Dr. Porteous, Bishop of London, were educated at this school. Head Master, Rev. Arthur Brooke Haslam, M.A., St. John's College, Cambridge, with 2 resident Masters and 4 non-resident.

RIVINGTON, *near Bolton* (*Lancashire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL. Founded 1576, by James Pilkington, Bishop of Durham. Amalgamated with Blackrod Grammar School (*2nd Grade*). Endowment about 660*l.* New buildings. Plans approved by Charity Commissioners under scheme dated 1875. This Grammar School and Holme's Free Grammar School, Blackrod, are now united. These old Foundations have lately been amalgamated and reconstructed under a Scheme of the Endowed Schools Commissioners, and large and convenient school buildings have been erected for the accommodation of 112 scholars, including 49 boarders, at the foot of Rivington Pike, and overlooking the Rivington Lakes. The school is situated in a most healthy locality, and is one mile distant from Horwich Station. There is a good playground and a large cricket field. The dormitories are well ventilated, and each boy has a separate cubicle. There is also a sick room and nurse's room, isolated from the rest of the building. Head Master, G. Squire, M.A. See also p. 711.

RINGWOOD (*Hants*), RINGWOOD GRAMMAR SCHOOL. Founded 1586, by Richard Lyne. Endowment, 30*l.* per annum. Merged, in 1848, into a National School.

RISHWORTH (*Yorkshire*), RISHWORTH GRAMMAR SCHOOL. Founded 1724, by John Wheelwright. Endowment, 750*l.* per annum. Instruction in Classics, Mathematics, and English course, to 20 poor children of parish of Halifax, etc. Has 2 Exhibitions of 75*l.* per annum each, tenable 4 years at Oxford or Cambridge. Head Master, R. H. Elliott, M.A., with a staff of assistant Masters.

RISLEY (*Derbyshire*), RISLEY GRAMMAR SCHOOL. Founded by Sir Michael Willoughby, A.D. 1583; restored and enriched by the Hon. Elizabeth Gray, A.D. 1718; re-modelled by H.M. Commissioners, A.D. 1867. Endowment, 364*l.* per annum, and 2 houses. Instruction in Classics and English course to 70 boys, free, on Foundation. This school is intended to afford a "sound, religious, moral, and liberal education." (Scheme, 1867.) The Classical and English Schools are conducted in separate buildings, and on distinct principles. The

“liberal education” given in the “Latin School” is in accordance with modern requirements. The school year is distributed in 3 terms. The fee for boarders is 36*l.* a year for boys under 13 years of age at the time of entering the school; and for others, 42*l.* a year. This charge covers the capitation fee, French, etc. The Right Honourable Robert Lowe, Lord Denman, and others, were educated here. The Midsummer Examination is conducted by the Examiner appointed by the Trustees. Head Master, Rev. C. Westley Groves, M.A., Cambridge, Wrangler, 1864, with assistant Masters.

\* **ROCHDALE** (*Lancashire*), **ROCHDALE GRAMMAR SCHOOL**. Founded 1565, by Matthew Parker. Endowment, 27*l.* per annum. Instruction to 50 boys (3 free), in Classics, Divinity, Mathematics. Terms: day-scholars, 10 guineas per annum; boarders, 30 to 50 guineas per annum; French, German, and Drawing, extras, 4 guineas each per annum. Shares with Lapsed and Middleton, in a bequest of 40*l.* per annum, left for 2 poor scholars at Brasenose College, Oxford. Candidates sent to Oxford, Cambridge, and College of Preceptors Local Examinations. Vacations, 12 weeks. Head Master, Robert R. Grey, and 3 assistant Masters, 1 being resident.

\*\* \* † **ROCHESTER** (*Kent*), **THE ROCHESTER CATHEDRAL GRAMMAR SCHOOL** (*1st Grade*). Founded 1452. Endowment, 1000*l.* per annum. Instruction for Universities, Military and Civil Service, and other Examinations, to 83 boys, 20 of whom, called King's Scholars (selected after Examination by Dean and Chapter), are free; boarders paying from 45*l.* to 50*l.* per annum, and tuition fees from 15*l.* to 20*l.* per annum; entrance fee, 2*l.* Has 4 Exhibitions of 40*l.* per annum each, tenable at Oxford or Cambridge, and 2 Exhibitions of 45*l.*, tenable at University College, Oxford. Several other prizes. Examiners from Universities. Head Master, the Rev. J. Langhorne, M.A., late Scholar and Exhibitioner of Christ's College, Cambridge, and 6 assistant Masters.

\* † **ROCHESTER**, **SIR JOSEPH WILLIAMSON'S MATHEMATICAL SCHOOL** (*2nd Grade*). Founded 1701. Endowment, 1,600*l.* per annum. The school was reopened under the new scheme prepared by the Charity Commission, on January 26th, 1880. The school is now entirely open to all boys of good character between the ages of 7 and 16, on passing a satisfactory entrance examination. The parents of candidates for admission must fill in a printed form, which can be obtained on application to the Head Master. Latin, French, German, Physics, Chemistry, Drawing, Vocal Music, Drill, Mathematics, and English course. 210 boys. Vacations, 12 weeks. Fees: 4*l.* 10*s.* to 7*l.* 15*s.* per annum. Head Master, C. Bird, B.A., of London University, and 7 assistant Masters.

**ROCK FERRY** (*Cheshire*), **NEWTON SCHOOL**. The course of instruction includes English subjects, Arithmetic, Mathematics, French, Latin, and Greek, Natural Science, and Book-keeping. Terms, per annum: from 50 to 60 guineas. Principal, William S. Logeman, with assistant Masters.

\* **ROCK FERRY**, **ELDON GROVE COLLEGIATE SCHOOL**, **OLD CHESTER ROAD**. Pupils are carefully instructed and prepared for Professional and Commercial pursuits. The course of instruction includes the various branches of a liberal education; adapted to the requirements of the present day. Pupils are prepared for the Universities, and for the Oxford

and Cambridge Middle Class Examinations. Terms: for day-pupils, from 6 to 8 guineas per annum; boarders, 30 to 34 guineas per annum. Principal, Thomas Beamish Saul, LL.D., with assistant Masters.

ROEHAMPTON (*Surrey*). See LONDON, S.W. DISTRICT.

† ROLLESTON (*Staffordshire*). THE FREE GRAMMAR SCHOOL. Founded 1520, by Robert Sherbourne, Bishop of Chichester. Endowment, 21*l.* per annum. Instruction in Latin and English course. All boys born in the parish are freely instructed in Reading, Writing, Arithmetic, Grammar, Elementary Mathematics, Latin, and Greek. 18 Foundationers and 10 others. Head Master, W. Eley.

\* ROMFORD (*Essex*), TYSEA HILL SCHOOL, near HAVERING. A limited number of pupils are prepared for the Public Schools, the Cambridge and Oxford Middle Class Examinations, or Commercial pursuits. Terms: from 30 to 40 guineas per annum; school fees, from 2 to 4 guineas per quarter. School year is divided into 3 terms. Principal, the Rev. James Goodday, M.A., late Principal of the Collegiate School, Romford.

ROMFORD, CLAREMONT HOUSE, BOARDING AND DAY SCHOOL, JUNCTION ROAD. Instruction in Latin, Reading, Writing, Arithmetic, Book-keeping, Geography, Mapping, Grammar, and History, with the other requirements of a comprehensive English education. Annual terms: boarders, 21 guineas; day-boys, 3 guineas per term. Principal, James Prevost Woodrow, with assistant Masters.

ROMFORD, REGENT HOUSE ACADEMY. Instruction in French, Latin, Greek, Drawing, Mathematics, and Book-keeping, English in all its branches, etc. Terms: board and education, from 26 to 32 guineas per annum; day-pupils, from 4 to 5 guineas per annum. Principal, H. Hedger, with assistant Masters.

\* ROMSEY (*Hants*), THE ABBEY. 6 resident pupils are received, to whom is imparted an education either Literary, Scientific, or Commercial. The course includes instruction in the subjects required at the Cambridge and other Examinations. Pupils prepared for Matriculation in the University of London, or for the Civil Service. Terms, 60*l.* per annum. The school year is divided into 3 terms of 13 weeks each. Principal, the Rev. S. Borton Brown, B.A.

\* ROMSEY, OSBORNE HOUSE. Established 1858. The whole curriculum of an English and Classical education. Average number of pupils, 40 boarders, 20 day-scholars. Vacations, 12 weeks. Principal, J. F. Osborne, M.R.C.P., with 2 assistant Masters.

ROSS (*Herefordshire*), THE GRAMMAR SCHOOL. Founded, temp. Edward VI. Endowment, 10*l.* per annum. Is now merely an Elementary English School.

ROSSALL, near FLEETWOOD (*Lancashire*). ROSSALL SCHOOL. See PUBLIC SCHOOLS, Part V., page 327.

ROSSINGTON, near DONCASTER (*Yorkshire*), CHURCH OF ENGLAND SCHOOL. Founded 1650, by William Paxton. Endowment, 6*l.* 13*s.* 4*d.* Funds are now applied in support of an Elementary English School.

There are 88 day-scholars in attendance. The school is now under Government Inspection. In 1859 the late James Brown, Esq., of Rossington Hall, built new schools and a residence for the Master. Head Master, Thomas Littlewood, with a staff of assistant Masters.

ROTHBURY (*Northumberland*), THE GRAMMAR SCHOOL. Founded 1719. Endowment, 300*l.*, apportioned: 169*l.* to this school, 80*l.* to girls' and to subsidiary schools, residue to repairs. Instruction in Latin, Euclid, Mensuration, Algebra, Land-Surveying, Arithmetic, Book-keeping, etc., etc. Examined by Diocesan Inspection. Head Master, John Frederic Pugh, with 1 non-resident assistant Master.

\* ROTHERHAM (*Yorks*), ROTHERHAM GRAMMAR SCHOOL. Founded 1483, by Thomas, Archbishop of York. The ancient endowment is about 25*l.* a year, but, in addition, the Master has been tenant of a good school-house, schoolroom capable of accommodating about 60 boys, with playground and garden of about one acre, at the nominal rent of 1*l.* a year, and the Trustees have for some years added 50*l.* a year towards a Second Master. The Master has been required to instruct eight Foundation Boys in all the subjects usually taught in the school (extras excepted) free of charge, and he has been allowed to take boarders. The school buildings are healthily situated in the outskirts of the town. The Trustees have now under consideration a draft scheme of the Charity Commissioners for the future administration of the school. Should the scheme be adopted, the income and advantages will be materially increased, and the school buildings improved and enlarged. Vacations, 12 weeks. Head Master, vacant.

ROTHERHAM, ELM BANK CLASSICAL PREPARATORY SCHOOL. A limited number of boys are prepared for the Public Schools, Preliminary Examinations, etc., etc. Inclusive terms, 40 guineas per annum. The French Language may be substituted for Latin or Greek if desired. Principal, E. A. Fewtrell, Corpus Christi College, Cambridge, and upwards of 20 years Head Master of the Rotherham Grammar School, with assistant Masters.

ROTHWELL, near KETTERING (*Northamptonshire*), ROTHWELL GRAMMAR SCHOOL. Founded by Queen Elizabeth in 1581. Endowed with about 20*l.* per annum, but is suffering from a Chancery suit, and is at present a sort of National School.

ROTTINGDEAN, near BRIGHTON (*Sussex*), FIELD HOUSE SCHOOL. A high-class school of about 50 boys, all boarders, from 10 to 14 years of age, who are prepared for the great Public Schools. The course of instruction includes English, Classics, Mathematics, French, Music, and Drawing. Vacations, 14 weeks. Principal, James Hewitt; there are 8 assistant Masters, 5 of whom are resident.

ROWLEDGE, near FARNHAM (*Surrey*), ROWLEDGE PARSONAGE. Two or three pupils received, the sons of noblemen or gentlemen, who are prepared for the Universities or Public Schools. The course of instruc-



tion includes a careful religious training, Classics, Mathematics, French, German, English literature, etc., also Music if desired. Terms, 150*l.* per annum. Principal, the Rev. Arthur W. Parker, Incumbent.

ROYSTON, *near* BARNSELY (*Yorkshire*), KING JAMES'S GRAMMAR SCHOOL. Established by King James I., A.D. 1607; upon the foundation John Forman, vicar, A.D. 1450. Endowment, 70*l.* to 80*l.* per annum. Instruction in Classics, Mathematics, French, etc., to 38 scholars, between 7 and 16 years of age. Free scholars are only taught in Latin and Greek. Day-scholars, born in parish, pay 2*l.* per annum, and others 4 guineas per annum; boarders, from 30 guineas per annum and upwards. Its right of competing with certain other schools for a Fellowship at Magdalene College, Oxford, is abolished, the competition being now open. Vacations, 2½ months. Examinations by Masters and Members of Universities. Head Master, John Walter Rhodes, B.A., Trinity College, Cambridge, with resident assistant Masters.

ROYSTON (*Cambridgeshire*). See WINDY.

\* RUABON (*Denbighshire*), RUABON GRAMMAR SCHOOL (2*nd* Grade). Founded 1632. Endowment, 147*l.* per annum. Thorough instruction in Classics, Mathematics (free to 8 scholars), and Modern Languages, Music and Drawing as extras, to 92 non-foundationers, 20 of whom are boarders paying from 50 to 60 guineas per annum. University Local Examinations, at which 37 certificates, 10 in honours, had been gained by the pupils up to 1873. Head Master, the Rev. A. L. Taylor, M.A., with assistant Masters.

RUGBY (*Warwickshire*), RUGBY SCHOOL. See PUBLIC SCHOOLS, Part V., page 329.

RUGBY, OVERSLADE, *near* RUGBY. Boys range from the age of 8 to 14 years, and are prepared for the Public Schools. The course of instruction includes all the usual Classical, Modern, and General elements, viz., Latin, Greek, French, German (if required), Arithmetic, and Mathematics. English is taught systematically, and there is a good library for boys' use. Inclusive terms: for boys under 12, 85 guineas; for boys over 12, 100 guineas each. Principal, the Rev. G. F. Wright, M.A., late Fellow of Corpus Christi College, Cambridge, with assistant Masters.

RUGBY, NORTHCOTE HOUSE. A limited number of pupils prepared for the Public Schools, the Naval and Military Colleges, etc. The course of instruction comprises Divinity, Classics, Mathematics, English literature, French, and German. The school year is divided into 3 terms. Fees: from 63 guineas to 90 guineas per annum. Principal, M. S. Brackenbury, B.A., assisted by resident Masters.

RUGELEY (*Staffordshire*), RUGELEY GRAMMAR SCHOOL (3*rd* Grade). Founded 1611; founder's name unknown, and doubtful. New scheme 1857. Endowment, 345*l.* per annum. Instruction in Classics, Mathematics, French, and German, to 25 free scholars, sons of residents; 15 to 20 boarders and day-scholars, between 8 and 17 years. Terms: for boarders, from 40*l.* to 45*l.* per annum; day-boarders, 12*l.* per annum. University Examinations. Vacations, 12 weeks. Head Master, R. Boycott, and 2 assistant Masters.



**RUTHIN** (*Denbighshire*), **RUTHIN GRAMMAR SCHOOL**. Founded by Gabriel Goodman, Dean of Westminster, 1594. Reconstituted by the Endowed Schools Commissioners 1881. Endowment, 352*l*. This school was selected by the Public School Commissioners as the chief first-grade school of north-east Wales. New buildings are much needed, and it is hoped that the Government will make a grant for this purpose in connection with their scheme for the advancement of education in Wales. For the purposes of study the school is divided into two divisions, Classical and Modern. The subjects taught on the Classical side are Holy Scriptures, Latin, Greek, Mathematics, French, English Composition, Literature, and History, Science, Ancient History, and Geography. The Modern department, while including most of the above-mentioned subjects in the course of study, assigns greater weight to Mathematics, Modern Languages, Drawing, and English subjects, with a view to the preparation of boys for Engineering and Mercantile pursuits. The Junior School is kept, as far as possible, distinct from the other departments, and will receive fuller development and organization as the numbers increase. This school has in time past ranked amongst the best in Wales, and there is no reason why, under the new scheme just brought into operation, it should not regain its prestige. The school is examined in July by the Oxford and Cambridge Board of Examiners. Head Master, Rev. W. P. Whittington, M.A., and 3 assistant Masters.

**RYDE**. See ISLE OF WIGHT.

**RYE** (*Sussex*), **BELL-MOUNT HOUSE SCHOOL**. Established 1870. A Classical and Commercial education, including Latin, Greek, and French, is given to about 50 pupils from the age of 7 and upwards. Examinations held at Christmas and Midsummer. Vacations, 10 weeks in the year. Principal, Robert Pretty, and 2 resident assistant Masters.

**RYE, THE FREE GRAMMAR SCHOOL**. Founded 1638, by Thomas Pecock. Endowment, 112*l*. per annum. Is now amalgamated with a Charity School, and both afford instruction in English course and Navigation to 65 boys, all free. Head Master, vacant.

## S.

**S. ALBANS** (*Herts*), **KING EDWARD VI. GRAMMAR SCHOOL**. Founded 1195. The course of instruction is Classical and Mathematical, with English and Modern Languages. Number of pupils, 40 (none free), who are admitted at the age of 7 by Trustees. There is 1 Exhibition to the Universities, value about 16*l*. per annum. Vacations, 13 weeks, Christmas and Midsummer. Head Master, Rev. Frank Willcox, M.A., St. John's College, Cambridge.

**S. ALBANS, CLAREMONT HOUSE, ALMA ROAD, COMMERCIAL AND COLLEGIATE BOARDING AND DAY SCHOOL**. The course of instruction pursued in the school secures a thorough training in the English subjects, and pupils are prepared for the Civil Service, Commercial, and the other usual Examinations. There are 61 pupils at the present time, of whom 28 are boarders. The vacations are one week at Easter, five weeks about August, and one month at Christmas. Fees: for board and tuition, 24 to 30 guineas per annum. Principal, C. Wroot.

ST. ALBANS, OXFORD HOUSE SCHOOL, BRICKET ROAD. The course of instruction embraces the following subjects: Latin, German, French, English, Algebra, Euclid, Arithmetic, History, Geography, Book-keeping, Shorthand, Writing, Drawing, Drilling, Music, Singing, etc., etc. Terms: 32 to 40 guineas per annum, with a few extras. Principal, G. J. Nettleton, assisted by an efficient staff of properly qualified Masters.

\* S. ASAPH (*North Wales*), S. ASAPH GRAMMAR SCHOOL (*2nd Grade*). Founded about 1600. Endowment, 70*l*. Instruction in Classics, Mathematics, and English, to 66 boys, received from 8 years of age. Pupils prepared for the Public Schools and Universities. Terms: boarders, from 26 to 38 guineas per annum; day-pupils, 8 guineas per annum, and a few extras. Vacations, 12 weeks. Head Master, W. Easterby, B.A., LL.D., London, with 2 resident Masters, and Music and Drawing Masters attend. The school is under a scheme issued by the Endowed School Commissioners, by which there are 14 Governors.

S. ANNE'S-ON-THE-SEA, *near* PRESTON (*Lancashire*), S. ANNE'S ACADEMY. Established 1876. Instruction in English, Mathematics, Science, Music, French, and Drawing, to 22 pupils. Terms: boarders, from 30 to 42 guineas per annum; day-pupils, from 6 to 8 guineas per annum. The year is divided into 3 terms—Easter, Michaelmas, and Christmas. Vacations, 10 weeks. Principal, J. Allen.

S. ANDREW'S (*Wiltshire*), MADRAS COLLEGE. Founded 1833, by Dr. Bell. Endowment, about 1,400*l*. per annum. The college is a large handsome building, in the Elizabethan style, with spacious and well-ventilated class-rooms. It encloses a cloistered quadrangle, and stands in the midst of a playground of 2 acres. It is divided into 8 departments. In the senior school pupils are prepared for the University, Civil Service Competitions, Military and Medical Examinations, Mercantile pursuits, Engineering, and Farming, etc. There are about 250 pupils in senior school, and about 400 in primary school. The fees of a boy in the senior school amount to about 8*l*. a year. Board costs about 45, 50, or 53 guineas. For admittance there is no limitation as to age or qualifications. There are 8 University Bursaries, varying in value from 10*l*. to 20*l*. each, tenable for 4 years. Vacations, 10 days at Christmas; 10 days in April; 2 months at Midsummer. The college opens in September, and closes at the end of June. Head Classical Master, D. Fogo, and a large staff of other Masters.

S. ANDREW'S, ABBEY PARK. The course of instruction prepares for Professional and Mercantile pursuits. It embraces all the branches of a liberal education—English, Latin and Greek, French and German, Arithmetic, Mathematics, and Natural Science, Drawing, and Music. Instruction is also given to those who are preparing for the University, or the Civil and Military Service Examinations. Terms: 60 to 70 guineas, and a few extras. Vacations, 14 weeks. Head Master, James Browning, LL.D., M.A., late Classical Examiner to the University of S. Andrew's, with assistant Masters.

S. AUBIN'S. See JERSEY.

\* S. AUSTELL (*Cornwall*), WESTON HOUSE SCHOOL. The course of instruction pursued in the school comprises the English, Latin, French,

and German Languages, Pure and Applied Mathematics, including Arithmetic, Algebra, Euclid, Mensuration, Trigonometry, Mechanics, etc.; History and Geography, Freehand, Model, Geometrical, and Perspective Drawing, together with Religious Knowledge. Two House Scholarships, each of the value of 10*l.*, are offered for competition annually to the pupils of the schools; a copy of the regulations respecting them may be obtained on application to the Head Master. Terms: for boarders, 30 to 40 guineas per annum; day-pupils, 3 to 8 guineas per annum, and a few extras. Principal, F. R. Ray, M.R.C.S., assisted by a staff of resident Masters.

S. BEES (*Cumberland*), ARCHBISHOP GRINDALL'S GRAMMAR SCHOOL. Founded 1587, by Archbishop Grindall. A Free Grammar School till 1881, when its constitution was changed under a scheme of the Charity Commissioners. Endowment about 1,200*l.* per annum. Instruction in Classics, Mathematics, French, German, etc. Number of pupils, 100. Tuition fees 6*l.* and 10*l.* per annum. Board in hostel, 25*l.* per annum; in School House, 40*l.* per annum. Has 5 Scholarships of 40*l.* per annum, each tenable for 3 years at Oxford or Cambridge; 2 Exhibitions of 40*l.* per annum, tenable 4 years at Oxford; 1 Exhibition of 80*l.*, tenable for 4 years at Queen's College, Oxford, for clergymen's sons, in default of a candidate from Carlisle. May send candidates for each of the (Lady Hasting's) Exhibitions of 90*l.* per annum, tenable for 5 years at Queen's College, Oxford. There are 4 or 5 vacant each year. May send candidates for the Eglesfield Exhibition (open to natives of Cumberland), of the value of 80*l.* per annum, for 4 years, at Queen's College, Oxford, etc. Examinations take place at Midsummer, by Examiners appointed by the Governors. Vacations, 13 weeks: Christmas, 4 weeks; Easter, 3 weeks; Summer, 6 weeks. Head Master, Rev. W. T. Newbold, M.A., Fellow of St. John's College, Cambridge, and 7 assistant Masters.

S. DAVID'S (*Pembrokeshire*), THE CATHEDRAL SCHOOL. Boys are prepared for the Public Schools and Universities, and for Professional and Commercial pursuits. Terms: day-boys, 6*l.* per annum; and boarders, 36*l.* per annum, and a few extras. Head Master, Rev. W. Matthews, B.A.

S. HELIER'S (*Jersey*). See JERSEY.

S. JOHN'S WOOD. See LONDON, N.W. DISTRICT.

S. LAWRENCE (*Jersey*). See JERSEY.

S. LAWRENCE-ON-SEA (*Kent*). See RAMSGATE.

S. LEONARD'S-ON-SEA, UPPER S. LEONARD'S SCHOOL. The object of this school (which is divided into Upper and Lower) is to give to the sons of gentlemen a sound education, based upon Church principles. The subjects of instruction include Classics and Mathematics, French, and the usual branches of a general education. There is also a Modern side. Special preparation for all the Public Schools, Woolwich, Sandhurst, to the age of 15 or 16, and the *Britannia*. A private chapel. Gymnasium and cricket field, swimming bath (salt water), 40 feet by 20 feet, and a carpenter's shop are attached to the school. There was an examination on September 20th to fill up 7 Exhibitions at 20*l.* per year and 8 at 10*l.* Terms: for pupils over 12 years of age, 70 guineas;

under 12, 60 guineas per annum, and a few extras. The sons of parents residing in India or elsewhere can remain at school during the vacations, in which case the terms are: over 12 years of age, 100 guineas; under 12, 90 guineas per annum. Principal, Charles E. Marriott, Cantab. Head Master, J. T. Pughe, Oxon, with a staff of assistant Masters. See also Index to Appendix A.

S. LEONARD'S-ON-SEA, BARHAM HOUSE. High class education to a select number of pupils, the sons of gentlemen only (limited to 35 boys under 14, all boarders), who are prepared for the Public Schools. The course of instruction comprises Divinity, Classics, English, French, German if desired, and Mathematics. Terms: 120 guineas, which includes board, French, and Drilling. The school year is divided into 3 terms, as at Eton and Harrow. A junior school has been added for boys between the ages of 6 and 9. Principals, Rev. J. Wright, M.A., Trinity College, Cambridge (Senior Optime and First-classman in the Classical Tripos), and Rev. R. H. Walker, M.A., Wadham College, Oxford (First Class Mathematics and First Class Physical Science). See also Index to Appendix A.

\* S. LEONARD'S-ON-SEA (*Sussex*), Highbury House School, Church Road. This school consists of Upper, Middle, and Preparatory Departments. The pupils of the Upper School are prepared for Commercial pursuits, the Universities, the Civil Service, and the Oxford and Cambridge Local Examinations. The number of scholars is 120 boarders, and 30 day-pupils. The Preparatory Department consists of very little boys, taught by a lady, who conducts the Pestalozzian and Kindergarten Classes. The school year is divided into 3 terms. Terms: 35 to 60 guineas per annum for boarders; day-pupils, from 8 to 12 guineas per annum, with a few extras. Vacations, 13 weeks in the year. Head Master, Robert Johnstone, M.A., LL.B., 6 assistant resident Masters, 3 resident Governesses, 4 non-resident Masters. Lady Principal, Mrs. Duff.

S. LEONARD'S-ON-SEA, THE LINDENS, UPPER MAZE HILL. Pupils prepared for the Universities, Army, Civil Service, and a general education. Terms, 250 guineas per annum (at the rate of 300 guineas if for a period less than a year). Principal, Rev. E. C. Adams, M.A., Fellow, etc., of Worcester College, Oxford, late Senior Examiner for Responsions in the University, and late Examiner for the Oxford Local Examinations.

\* S. LEONARD'S, BEAUVOIR COLLEGE, BEAUVOIR HOUSE, HOLLINGTON PARK. Pupils are prepared for the Annual Local Examinations of the Oxford and Cambridge Universities, the College of Preceptors, and the Science and Art Department, South Kensington. Terms, 36 to 45 guineas for boarders. The scholastic year is divided into 3 terms, viz., from January to Easter, from Easter to the end of July, and from September to Christmas. Vacations, 12 weeks. Principal, John Sarll, A.K.C., F.R.G.S., with assistant Masters.

S. LEONARD'S-ON-SEA, QUEBEC HOUSE, PEVENSEY ROAD. Pupils received from 8 to 14 years of age, and prepared for any of the Public Schools. The course of instruction comprises the Greek, Latin, and French Languages, Mathematics, History, Geography, and English subjects generally, to which much attention is devoted. Inclusive terms, 80 to 100



guineas per annum, according to age. The year is divided into 3 terms, as at Eton. Principals, Mrs. and Miss Russell, assisted by G. G. Wilkin-son, B.A., Cantab., and resident assistant Masters.

**S. LEONARD'S-ON-SEA, WINCHESTER HOUSE.** Established 1876. This school is the recognised preparatory one for Lancing College, with which it is connected; but boys are prepared for all the Public Schools, generally, with a view to their securing Scholarships, or a good position, at the Entrance Examinations, and the special requirements of the Military and Naval Schools, Wellington College, the "*Britannia*." Number of pupils 30; accommodation for 20 more. Boarders, 60 and 80 guineas. A capitation fee of 10s. is due to Lancing College. Scholars are admitted from 8 to 14 years of age. There are 4 Musical Scholarships, 2 Senior, of the annual value of 25*l.*; 2 Junior, of the value of 15*l.*, tenable while voice lasts. Examinations take place at the end of each term by Examiners appointed by the Provost and Fellows of Lancing. 3 terms of 13 weeks each. Vacations of 6, 5, and 2 weeks, at Midsummer, Christmas, and Easter, respectively. Warden, the Rev. Charles Lyndhurst Vaughan, M.A., of Oriel College, Oxford, Incumbent of Christ Church, S. Leonard's-on-Sea. Head Master, G. W. Bryant (Oxon and London), with 3 resident and 2 non-resident assistant Masters.

**S. LEONARD'S-ON-SEA, ANCASTER HOUSE, 11 AND 12, ANGLESEA TERRACE.** School for the sons of gentlemen. This school is divided into Upper and Preparatory Departments, the Upper school being under the instruction of resident Tutors, Graduates, assisted by visiting Professors. The Preparatory division, in which boys are received from 5 years of age, is taught by ladies. The course of instruction includes Classics, Mathematics, French, and English subjects. The school year is divided into 3 terms, corresponding to those of the Public Schools. Terms: from 45 to 65 guineas per annum. Conducted by Mr. and Mrs. Edward Booty, and visiting and resident Tutors—Graduates.

**S. LEONARD'S-ON-SEA, LAURA HOUSE, WEST HILL.** A limited number of resident pupils received, and the course of education embraces the usual branches of instruction for the special subjects of the Competitive Examinations. Terms, 100 guineas per annum, inclusive. There is also a Preparatory School for little boys, carried on by Mrs. Marshall, in connection with the above. Principal, the Rev. G. A. Marshall, M.A. (double honours), Wood's Exhibitioner and Prizeman, S. John's College. Cambridge.

**S. LEONARD'S-ON-SEA, MAZE HILL SCHOOL.** At this school the distinctive feature is the great attention paid to the teaching of French and German. Pupils are prepared for the Universities, the Army and Navy, the Civil Service, and for Professional and Mercantile life. The year is divided into 3 terms. Principal, C. Héron Wall, F.P.S., assisted by a staff of resident Masters.

**S. LEONARD'S-ON-SEA, S. PAUL'S HOUSE, UPPER MAZE HILL.** The boys will be thoroughly grounded in English, Modern Languages, Greek, Latin, and Mathematics; and are prepared for any of the following Examinations: Royal Military Academy, the Universities, the Public Schools, Legal and Medical Professions, the *Britannia*, Mercantile and Commercial pursuits, Bank of England Special Examination. The year



is divided into 3 terms, with the usual vacations at Easter, Midsummer, and Christmas. Terms : under 10 years of age, 60 guineas ; under 12, 70 guineas ; under 15, 80 guineas ; over 15, 100 to 150 guineas per annum, according to examinations. Principal, the Rev. H. Powell, M.A., Oxon.

\* S. LEONARD'S-ON-SEA, UPPER MAZE SCHOOL, THE GRANGE. A limited number of pupils between the ages of 7 and 15, are prepared for the Public Schools and Examinations, and instructed in the usual branches of education. Terms : for pupils above 10 years of age, 75 guineas ; under 10 years of age 65 guineas per annum. Principal, James Elliott, B.A., assisted by resident and visiting Masters.

† S. LEONARD'S-ON-SEA, S. LEONARD'S SCHOOL. This school is important in point of numbers, but the Author has of late years had no opportunity of judging if the educational work carried on is in accordance with modern requirements. Terms : for boarders, from 70 to 130 guineas per annum each. Vacations, 13 weeks. Principal, the Rev. J. W. Tottenham, M.A., and assistant Masters.

S. LEONARD'S-ON-SEA, S. LEONARD'S COLLEGIATE SCHOOL. A boarding school in two separate departments, but conducted upon the same principles, and with the same staff of Professors. Young gentlemen, Ellenslea Road ; young ladies, St. John's Road. In union with the College of Preceptors. Pupils prepared for the Public Examinations. A Kinder-Garten class for the younger children. In connexion with the Gentlemen's Department is a special class for the sons of clergy, and others who desire a thorough musical education. under Dr. Abram, F.C.O., and scriptural instruction by the Rev. Forbes E. Winslow. These boys form the choir of St. Paul's Church. Principal, H. King, A.C.P. Lady-Principal, Mrs. H. King.

† S. LEONARD'S-ON-SEA, EAGLE HOUSE. The course of instruction at this school embraces the ordinary subjects of a thorough English education, together with the Greek, Latin, French, and German Languages, and is designed as preparatory to larger and more Public Schools. The year of study is divided into 3 terms of 13 weeks each. Inclusive charge for each term is 15 guineas. Principals, Mr. and Mrs. Porter, with resident assistant Masters.

S. PAUL'S SCHOOL, LONDON, E.C. See PUBLIC SCHOOLS, Part V., page 331.

S. PETER'S SCHOOL (*York*). See PUBLIC SCHOOLS, Part V., page 333.

S. STEPHEN'S-BY-LAUNCESTON (*Cornwall*), HORWELL'S SCHOOL (*2nd Grade*). Founded 1707. The subjects taught comprise all the cardinal branches of English, Arithmetic, Algebra, Euclid, Modern Languages, French, and German. Terms : 22 to 40 guineas for boarders ; day-pupils, 4 guineas per annum, and a few extras. Head Master, R. Reed, A.C.P. Royal College of Preceptors.

SAFFRON WALDEN (*Essex*), KING EDWARD VI., THE GRAMMAR SCHOOL (*2nd Grade*). Founded in 1423, by licence from the Abbot and Convent of Walden. Endowed 1525, by Jane Bradbury. Annual endowment, 100*l*. Instruction in Classics, French, Mathematics, English, and

Commercial course, to 24 boys on the foundation, paying 3*l.* per annum each. Terms: for boarders, 40 guineas per annum. Head Master, Rev. R. M. Luckock, M.A., late Scholar Ch. Ch. College, Cambridge, and assistant Masters.

\* SALE, near MANCHESTER (*Cheshire*), CAMBRIDGE SCHOOL. Pupils prepared for Mercantile pursuits, the Oxford and Cambridge Local and Preliminary Medical and Legal Examinations, Public Schools, and the Universities. Terms, per annum: boarders, from 40 to 45 guineas; day-boys, 8 to 12 guineas. Half-yearly Examinations. Vacations, 12 weeks in the year. Principal, John Watson, M.A., Edinburgh University, with 7 assistant Teachers, visiting and resident..

\* † SALISBURY (*Wilts*), CATHEDRAL SCHOOL. Founded in 1319, by Simon de Gandavo, Bishop of Salisbury, for the maintenance and instruction of 14 choristers. Endowment, 1,000*l.* Instruction now given in Classical and English Commercial course, and preparation for the University Local Examinations. Head Master, Rev. G. Bennett, B.A., and Minor Canon of the Cathedral.

† \* SALISBURY, THE GRAMMAR SCHOOL. Founded 1569, by Queen Elizabeth. Endowment, 26*l.* per annum. Has been closed of late for the erection of new school buildings.

SALISBURY THEOLOGICAL COLLEGE. See THEOLOGICAL COLLEGES, Part V., page 371.

SALISBURY, SALISBURY SCHOOL. Established in 1876, and is intended to supply at moderate terms a thoroughly sound education. The Higher School consists of a Classical and Modern side. The Classical Side course includes the instruction usually given in our best Public Schools. The Modern Side course includes the English Language, Literature, and History, Geography, Mathematics, and Modern Languages, Natural Science, Drawing, etc. The Lower School gives a sound grounding in Latin and general elementary subjects to the younger boys. The scholastic year consists of three terms. There are several Scholarships tenable at the school. The charges for tuition and board in the Head Master's house are 45 to 60 guineas per annum. Warden, Rev. W. Baker, M.A. Head Master, Rev. W. W. Bird, M.A., and 4 assistant Masters.

SALISBURY, 3, WILTON PLACE. Pupils prepared for the Universities or for Holy Orders. Terms: 150*l.* for pupils above 16 years of age. Principal, the Rev. S. C. Austen, M.A., Graduate in Honours of Brasenose College, Oxford.

\* SALISBURY, PROPRIETARY SCHOOL. This school is especially intended to give a sound general education to those boys who do not go to the Universities, but go direct from school into the business of life. The course of instruction includes Religious Knowledge, English generally, Arithmetic, Book-keeping, Land Surveying, History, Geography, Writing, Drawing, Chemistry, Mathematics, Latin, and French; especial attention being given to the different branches of English. Terms: for boarders, 30 guineas per annum; day-scholars, 8 guineas per annum. Principal, Charles Holmes Notley, Undergraduate of London

University (Matriculation and 1st B.A. Examinations), with efficient assistant Masters.

**SALISBURY, THE CLOSE.** Pupils received from the age of 8 to 13 years, in the Close, Salisbury, to prepare for the Public Schools and elsewhere. Terms : 100 guineas a year of 3 terms. The following are extras : German, Instrumental Music, and Drawing. Principals, the Rev. H. W. Carpenter, M.A., late Scholar of St. Peter's College, Cambridge (Wrangler), Minor Canon of the Cathedral, and W. A. Heygate, M.A., late Scholar of Winchester and New College, Oxford (2nd class in Moderations, 2nd class Final Classical School).

**SALTERTON BUDLEIGH.** See **BUDLEIGH SALTERTON.**

\* **SALTASH (Cornwall), COLLEGE HOUSE SCHOOL, PROSPECT, near SALTASH.** Established 1856. Course of instruction in the Lower and Upper School includes English, Greek, Latin, French, Drawing, Painting, Higher Mathematics, etc. Inclusive terms, per annum : Upper School, boarders, 30 to 40 guineas ; day-pupils, 9 guineas. Lower School, boarders, 30 guineas ; day-pupils, 6 guineas. Half-yearly Examinations. Pupils specially prepared for Oxford and Cambridge Local Examinations. Vacations, August, 5 weeks ; Christmas, a month. Principal, Edward Wilson, and assistant Masters.

**SANCTON (Yorkshire), SANCTON FREE SCHOOL.** Founded 1609, by Marmaduke Langdale, rebuilt in 1871. Endowment, 20*l.* per annum. Is now merely an Elementary English School for children of both sexes, called the Jackson Memorial and National Schools. Vacations, 7 weeks. This school now appears to be in abeyance.

\* **SAMPFORD PEVERELL (Devonshire), EAST DEVON COUNTY SCHOOL.** Established 1860. Preparation for University Local Examinations. 47 certificates have been gained at this school by pupils up to 1873, 7 in honours. The course of instruction comprises English in all its branches, Mathematics, Arithmetic, Land-Surveying, Mechanics, French, and Vocal Music. 2 Scholarships have been founded, open for competition to 2 boys who have been at least 6 months in the school, at Midsummer in each year. An Exhibition to the school has been given by Sir T. D. Acland, of 10*l.* per year, tenable for 2 years. Number of pupils, about 100. Terms : boarders, from 26 to 30 guineas per annum ; and day-pupils, 6 guineas per annum each. The school year is divided into 3 terms ; commencing January, May, and September. Vacations, 10 weeks. Principal, vacant, and 4 resident and 1 non-resident assistant Masters.

**SANDBACH (Cheshire), FREE GRAMMAR SCHOOL.** Founded 1594. Founder's name unknown. Endowment, 200*l.* per annum. Classics, Mathematics, French, German, Italian, and thorough English course. 98 boys from 7 years old, 35 being sons of residents, are free on paying 2*l.* per annum, others are boarders in Master's house. Examiners from Universities. Vacations, 8 weeks. Head Master, vacant.

**SANDHURST (Hants), ROYAL MILITARY COLLEGE AND ROYAL STAFF COLLEGE.** See Military Schools, Part IV.

**SAND HUTTON (Yorkshire), COLLEGIATE AND COMMERCIAL SCHOOL, DE MOWBRAY VILLA.** This school is in union with the Royal College of

Preceptors. The instruction embraces all the studies necessary for Matriculation at any college, or entering Mercantile life. Terms: from 28 to 36 guineas per annum. The year is divided into 4 terms. Principal, C. Fisher, M.C.P., assisted by a staff of resident and visiting Masters.

\* SANDWICH (*Kent*), SANDWICH SCHOOL. The course of instruction comprises Classics, Mathematics, English, French, German, and Drawing, etc. Pupils prepared for Military, Naval, or learned professions. Terms: from 35*l.* to 40*l.* per annum, and a few extras. Principal, W. Mate.

SANDWICH, FREE GRAMMAR SCHOOL. Founded temp. Queen Elizabeth, by Sir Roger Manwood. Endowment, 40*l.* per annum. Is temporarily in abeyance.

SANDGATE (*Kent*), GLENNIE HOUSE. A limited number of junior pupils prepared for the Public Schools and Navy. The year is divided into the usual 3 terms. The fees for pupils entering under 12 years of age are 60 guineas per annum; over 12, 70 guineas. Principals, E. S. Thompson and A. C. Thompson, assisted by competent foreign Masters. See Index to Appendix A.

SANTRY (*co. Dublin*), SANTRY SCHOOL. The school premises are commodious, and most healthily situated, within four miles of Dublin. The school, being endowed by the Incorporated Society, the fees are exceedingly moderate. The school course includes Classics, English, Modern Languages, Mathematics, Experimental Physics, Drawing, and Music—particular attention being paid to Religious Knowledge, in which instruction is regularly given. Boys are prepared for entrance to Trinity College, Dublin; the Royal University; College of Surgeons; Attorney's apprenticeships; Apothecaries' Hall and Pharmaceutical Society. A large number are annually presented at the Intermediate Examinations, and classes are in operation at the School under the Science and Art Department. Special attention is paid to pupils who are intended to compete for Civil Service appointments and Clerkships in the Banks. Exhibitions: attached to the school are Exhibitions of 30*l.* a-year for two years contingent on obtaining Science Sizarship in Trinity College. Principal, Wm. J. McClelland, B.A. (Dublin), Sch., T.C.D., assisted by experienced Classical and English Masters.

SCARBOROUGH (*Yorkshire*), OLIVER'S MOUNT SCHOOL. Established 1867. This is a private school chiefly for members of the Society of Friends. Boys prepared for London Matriculation Examination. There are about 62 scholars. Vacations, 13 weeks. Principal, Thomas Walton, and 5 assistant resident Masters.

\* SCARBOROUGH, S. MARTIN'S GRAMMAR SCHOOL. Foundation unknown. Endowment, 15*l.* per annum. Instruction in Classics, Mathematics, etc., to 4 free boys, and 66 others, paying 4 guineas per annum each, with extras. University Local Examinations. Head Master, J. Rowen, M.A., late of Goole Grammar School, with assistant Masters.

SCARBOROUGH, UPLANDS, SOUTH CLIFF. This school is a high-class Preparatory School for about 25 boys preparing for either the Classical or Modern sides of the Public Schools. Pupils admitted from



8 to 15 years of age. Terms: 70, 80, or 90 guineas a year. The year is divided into 3 terms. Vacations, 13 weeks. Principal, the Rev. George Poole, and 6 assistant Masters.

SCARBOROUGH, COMMERCIAL BOARDING AND DAY-SCHOOL, CLIFTON HOUSE, CASTLE ROAD. The course of instruction comprises English in all its branches, Arithmetic, Practical Mensuration and Land-Surveying, Algebra, Classics, etc. Pupils are specially prepared for Commercial life. Terms: boarders, from 24 to 28 guineas per annum; and day-pupils, 4 guineas per annum each, with extras. Principal, J. Walker.

SCORTON, *near* CATTERICK, SCORTON GRAMMAR SCHOOL. Founded 1720 by Leonard Robinson. Endowment, 261*l.* per annum. Reconstituted under scheme of Endowed School Commissioners, 1877. Divided into 2 departments—Upper, and a Second Grade School. Has 2 Exhibitions of 5*l.* a year, tenable 3 years, and 1 of 30*l.* per annum, tenable in the Upper School, preference being given to such as have for 3 years attended the school. Terms: boarders, 33*l.* per annum; and day-pupils, from 15*s.* to 4*l.* per annum each. Vacations, about 10 weeks. Head Master, C. M. Bragg, University College, London, and assistant Masters.

SEAFORD (*Sussex*), BLATCHINGTON COURT. Established 1876. Pupils prepared for Public Schools, etc. Instruction in Latin, Greek, French, German, and English. Number of pupils limited to 12 in number, who are received from the age of 8 to 14. Terms, 80 guineas per annum each. Principal, Rev. J. B. Clare, B.A., Oxon, and assistant Masters.

SEAFORD, HARDWICK HOUSE. The curriculum of studies at this school embrace all the subjects of a liberal education, and pupils are so prepared that on leaving school they can enter Professional or Commercial life. The terms for board and education are: for boys under 12 years, 40 guineas per annum; and over 12 years, 45 guineas per annum. Principal, W. Bull, M.R.C.P., and a staff of assistant Masters.

SEDBERGH (*Yorkshire*), SEDBERGH GRAMMAR SCHOOL (*1st Grade*). Founded 1551. New scheme, 1874. In 1522, Dr. Roger Lupton, some of whose descendants still live in the neighbourhood, founded a Public School, "where the youth among the Sedbergians should be instructed in letters and gentility," and gave of the rents of the Lupton chantry as an endowment for the support of the Master and several Scholarships at St. John's College, Cambridge, for the boys. Two new boarding-houses, at a cost of 30,000*l.* or more, have been added. Of the several grammar schools in this district perhaps none stand higher in repute than the Sedbergh School. Professor Adam Sedgwick, Dr. Cookson, late Vice-Chancellor of Cambridge, and Mr. J. M. Wilson, Head Master of Clifton College, were educated at Sedbergh. The fees for board and tuition, under 13, 66*l.*, over 13, 75*l.* Day-boys, tuition, 8*l.* per annum, entrance fee, 5*s.* This school now takes its original rank as a First Grade School, and instruction is given in Classics, Mathematics, Modern Languages, Drawing, Vocal Music, English subjects, and Natural Science, to 75 boarders and a few day-boys, who are received from 9 years of age. The school has 6 Exhibitions (2 vacant each year) at St. John's College, Cambridge, each of the value of 33*l.* 6*s.* 8*d.* per annum, tenable for 3 years. It has the second claim to Bishop Otway's Scholarship at Christ College, Cambridge, in value about 30*l.* per annum. It is one of the



schools whose boys have the privilege of competing for the Hastings Exhibitions, value 90*l.* a year, for 5 years, at Queen's College, Oxford. There are Local Exhibitions tenable at the school; and one at St. John's College, Cambridge, at present worth about 65*l.* a year. Entrance Scholarships, varying in value from 40*l.* to 20*l.*, are offered to boys under 15 and under 14. The examination is held in the spring, and allowance is made for the age of the candidate. In some cases, also, Scholarships are given to deserving boys in the school. The vacations are 14 weeks, and the school year is divided into 3 terms. Head Master, H. G. Hart, M.A., late Fellow of St. John's, Cambridge, with 5 resident and 3 visiting assistant Masters.

SEDGEFIELD (*Durham*), FERRY HILL GRAMMAR SCHOOL. Endowment, 39*l.* per annum, with house. Instruction in English course, with Latin if required, to 70 free boys, who are received from 5 years of age. Vacations, 8 weeks. Head Master, J. W. Walker, C.M., and assistant Masters.

\* † SEIGHFORD (*Staffordshire*), VICARAGE SCHOOL, near STAFFORD. Preparation for University Local Examinations to about 15 boys, all boarders, at 30 to 40 guineas per annum. Principal, the Rev. E. C. Perry, M.A.

SELBY (*Yorkshire*), LONDON ROAD ACADEMY. Established 1854. Instruction in English, Latin, French, German, Natural Science, Drawing, and Music, to 14 day-pupils, and 16 boarding, who are received from 8 to 20 years of age (no free scholars). Terms: boarders, from 22 to 26 guineas per annum each, and extras. Vacations, 10 weeks. Principal, J. D. Cuttle, and assistant Masters.

SELKIRK (*Selkirkshire*), SELKIRK GRAMMAR SCHOOL. The date of the foundation is not known exactly; probably about 1600. Known as the Grammar School till 1696, and after that date, as Grammar and Parish School united. Instruction in Greek, Latin, and French Languages, Mathematics, all the ordinary branches of an English education. Average number of scholars, upwards of 300, for some years past. Boarders not received (no free scholars), except those on the Oliver Trust Funds. Terms: from 14*s.* to 2*l.* 8*s.* per annum. Pupils admitted from about 6 years of age to the Junior Department by the Rector of the school. The Exhibitions left by James T. Oliver, at one time Rector of the school, consist of rent of land and interest of money, amounting to 15*l.*, to provide 3 Medals for Greek, Latin, and English, annually; and the surplus to educate so many scholars. Vacations, about 8 weeks. Rector, Alexander Scott, with 3 assistant Masters, and 2 Governesses.

SELSIDE near KENDAL (*Westmoreland*), SELSIDE ENDOWED SCHOOL. Founded 1729. Endowment, 66*l.* Instruction—the ordinary course in inspected schools, receiving Government Grants. Average number of pupils, about 45, who are received from 4 years of age, admitted by the Master. Free scholars must be children of cottagers in the Chapelry. Vacations, 6 weeks. Head Master, William Farrow.

SEVENOAKS (*Kent*), QUEEN ELIZABETH'S SCHOOL (1st Grade). Founded 1432, by Sir W. Sennocke; incorporated by Queen Elizabeth; reconstituted 1877 under the Endowed Schools Act, as a Modern School of the First

Grade. In accordance with the above scheme, the Governors provide adequate instruction for boys from 9 to 19, who are prepared for the Universities, Civil Service, or to pass the Entrance Examination for the Army, and for Business or Professional pursuits. Chief subjects of instruction : Latin, English, French Languages and Literature, Mathematics, Natural Science. Greek and German also taught as extra subjects when desired. There is accommodation in the school house for about 30 boarders. Terms : board, 45*l.* to 60*l.* a year, according to age ; school fees, 15*l.* a year ; but for boys born in Sevenoaks, Seal, or Kemsing, 8*l.* ; entrance fee, 1*l.* There are 2 Exhibitions of 40*l.*, and one of 30*l.*, tenable at the Universities. Scholarships 10*l.* and 5*l.*, tenable in the school. Vacations, 14 weeks. The year is divided into 3 school terms. George Grote, Christopher Wordsworth, Bishop of Lincoln, Charles Wordsworth, Bishop of St. Andrew's, were educated at this school. Head Master, Daniel Maule Birkett, M.A., Christ Church, Oxford, and assistant Masters.

SEVENOAKS, DARENTH VILLA, SHEREHAM. A few pupils prepared for Woolwich, Sandhurst, Cooper's Hill, the Civil Service, the Universities, and other Examinations. Fees : per month, 10 guineas ; per term of 3 months, 28 guineas. Arrangements are considered to be made by the term, unless otherwise specified. Principal, the Rev. S. Barker Simson, M.A., St. John's College, Oxford, assisted by competent Professors.

SEVENOAKS, BRADBOURNE S. CLERE. Pupils prepared for the Universities, Public Schools, and Commercial life. The school year is divided into 3 terms. Terms : boarders, from 85*l.* to 150*l.* per annum, and a few extras. Principal, J. Ogle, and assistant Masters.

SEVENOAKS, TURRET LODGE SCHOOL, S. JOHN'S. Pupils are prepared for Public Schools, Civil Service. Commercial and other pursuits, and for Preliminary Examinations. Terms : boarders, from 36 to 60 guineas per annum ; and day-pupils, from 7½ to 10½ guineas per annum each. The school year is divided into 3 terms of about 3 calendar months each. Vacations, 13 weeks. Principal, D. Chapman, F.R.G.S., with assistant Masters.

SHAFTESBURY (*Dorsetshire*), THE SHAFTESBURY SCHOOL (*3rd Grade*). The Blue Coat Endowed School, and that called Bimport Endowed School, have both been closed, and with the funds of the former (left originally by William Lush, 1718), new school buildings have been erected on the outskirts of Shaftesbury, for the Shaftesbury School. The object of the school is to provide education in English, Latin, French, Mathematics, Drawing, and Music, for boys between the ages of 7 and 15. School fees, 5*l.* ; board, etc., 35*l.* Head Master, the Rev. T. Perkins, M.A., formerly Senior Mathematical Master of Reading School, and assistant Masters.

SHAFTESBURY, BIMPORT GRAMMAR SCHOOL. Founded 1690, by the Earl of Pembroke. See Shaftesbury School.

SHAFTESBURY, BLUE COAT ENDOWED SCHOOL. Founded 1718. See Shaftesbury School.

SHANKLIN. See ISLE OF WIGHT.

\* SHEBBEAR, near HIGHAMPTON (*Devonshire*), BIBLE CHRISTIAN COLLEGE. Instruction in Greek, Latin, French, Mathematics, and Eng-

lish, to about 106 scholars (accommodation for 150), who pay from 20 to 30 guineas per annum each, and are received from 8 years of age, Half-yearly Examinations. Vacations, 2 months. Governor and Chaplain, Rev. J. Gammon. Head Master, Thomas Ruddie, B.A., London, and 3 resident assistant Masters.

\* **SHEFFIELD** (*Yorkshire*), ROYAL GRAMMAR SCHOOL, S. GEORGE'S SQUARE. Founded 1603, by Thomas Smith. Endowment, about 400*l.* per annum. Instruction to 30 Foundationers paying 4 guineas, and about 100 other boys, paying 8 guineas per annum each (entrance fee, 1 guinea), in Classics, Mathematics, French, German, Practical Science, and English course. University Local Examinations. 52 certificates have been gained by pupils at this school up to 1873, 20 in honours. There are 30 Exhibitions, which entitle the holders to tuition at half the usual terms, and also Scholarships. Head Master, J. E. Jackson, M.A., D.C.L., late Scholar and First Mathematical Prizeman of Queen's College, Cambridge.

**SHEFFIELD, FIRTH COLLEGE.** This college was founded for the benefit of senior students, both boys and girls. It was erected and fitted up by the late Mr. Mark Firth, at a cost of 20,000*l.*, and it was opened by His Royal Highness the Duke of Albany on the 27th October, 1879. Mr. Firth was a believer in the importance of extending higher education, and he took great interest in the University Extension scheme, and, in order to give it a local home, not only built this college, but endowed it at a further cost of 5,000*l.*, and gave a chair of Chemistry worth 150*l.* a year. The endowment fund now amounts to 20,000*l.*, and a great educational work is already being carried on at the institution, the objects and aims being almost identical with the Queen's Colleges in Ireland. It is one of many Colleges founded in recent years for the promotion of higher education in the great provincial towns of England. Such institutions are likely in the future to play no unimportant part in the education of this country. They have a three-fold function to perform, and they supply (1) University teaching, (2) Technical instruction, adapted to the needs of their districts, and (3) Popular lectures of interest to all sections of the community. 1. University Teaching.—A University, if complete, should teach, it should examine, granting its degrees and diplomas to successful candidates, and encourage original investigation in all branches of knowledge. Firth College restricts itself to the first and last of the above divisions of the work of a University. Fortunately there is a University of modern growth, which has assigned to it the second only. The University of London is purely an examining body, and justly enjoys a high reputation for the efficient manner in which its examinations are conducted. Firth College confers the advantages of a University training on many who could not otherwise enjoy them. From pecuniary or other reasons it is often difficult for young men, and still more difficult for young women, to be away from home during the years of University life; and a University career would be impossible to many for whom a University at their doors, so to speak, makes it possible. 2. Technical Education.—The advantages of technical education cannot be over-estimated, and it is a very important part of the work of this College. A scientific knowledge of the processes used in the various manufactures will stimulate its possessor to invention and original effort. The rapid advance in the science of electricity is due to a very happy union of

theoretic and practical knowledge in those who deal with it. Such an advance may be safely predicted in the manufactures of this town, if the light of science be thrown upon them by the manufacturers themselves. A course of instruction of this nature is adapted to the special needs of the town and district. 3. Popular Work.—This is not for regular students, but for those who cannot on account of other business afford the time for a University training or systematic technical education. Its object is to arouse and maintain the interest of the community at large in literary and scientific subjects. The Session commences in October. Michaelmas term begins about October 5th and ends about December 20th; Lent term begins January 17th, and ends about March 27th; May term begins about April 11th, and ends about June 19th. The Evening Session is divided into 2 terms of 10 weeks each. Michaelmas term begins about October 10th, and ends about December 16th; Lent term begins about January 17th, and ends about March 27th. Persons seeking admission to the College should be not less than 17 years of age. If under that age they will be required to pass an Entrance Examination in English, Elementary Mathematics, and Elementary Latin, to be held at the College, on the Wednesday and Thursday before the commencement of the session, from 10 to 1. If, however, they have passed the Cambridge or Oxford Senior Local or some corresponding examination they will be excused the Entrance Examination. Those who gain 3 Certificates (in the same year or different years) will be entitled to a certificate of honour. Certificates will not, however, be counted separately unless gained in different subjects, or in different branches of the same subject. Very exceptional merit in the *highest* branch of any subject will also entitle to a certificate of honour, even though 3 ordinary certificates have not been previously gained. Classes will be formed, if desired, for students who wish to be prepared for some examination the subjects of which are not included in the College courses. For such classes a special fee will be charged. Application to be made, in the first instance, to the Principal. Senior Students of Schools can attend these classes or the regular classes, under conditions which can be learnt by inquiry, but the sanction of the Head Master or Mistress of the School in question will be in all cases necessary. Firth Exhibitions.—(1) Two Entrance Exhibitions, each of 15*l.* for 1 year, are annually awarded upon examination,—1 in Classics and Mathematics; 1 in Mathematics and Physical Science. (2) Two Exhibitions, each of 15*l.* for 1 year, are awarded annually to those students of the College who shall be recommended to the Council as having distinguished themselves most at the Annual June Examination. The Sessional fees for each course range from 2 to 4 guineas. The Council consists of Trustees and representatives elected by the Town Council, the Cutlers' Company, and the Universities of Oxford, Cambridge, and London. Officers of the College.—President, Rev. S. Earnshaw, M.A. Principal and Professor of Mathematics and Physics, W. M. Hicks, M.A., 17th Wrangler in 1873, Fellow of St. John's College, Cambridge. Professor of Chemistry, Thomas Carnelly, D.Sc. (London), F.C.S. Professor of Classics and Ancient History, F. G. Brabant, M.A. (Oxford). Lecturer in Harmony, Thomas Tallis Trimmell, Mus. Bac. (Oxford). Demonstrator and Assistant Lecturer in Chemistry, L. T. O'Shea, F.C.S. Laboratory Assistant, R. W. Marshall. Registrar and Secretary, Ensor Drury.



**\*\* \* SHEFFIELD, THE SHEFFIELD COLLEGIATE SCHOOL.** Founded 1835. The school is divided into 3 departments—the Classical, the Modern, and the Junior. The course of instruction comprises Classics, Mathematics, French, German, Natural Science, and English in all its branches, etc. 3 University Scholarships of 40*l.* a year, tenable for 3 years at Oxford or Cambridge, 1 open for competition each year; 1 of 25*l.* a year, for 1 year, tenable at London University. Terms: boarders, from 52*l.* to 68*l.* per annum; and day-scholars, 10*l.* per annum each, and extras. Vacations, about 13 weeks. Principal, J. J. Dyson, M.A., late Scholar of Gonville and Caius College, Cambridge, First Class Classical Tripos of 1874, and 9 assistant Masters.

**SHEFFIELD, WESLEY COLLEGE.** Established 1837. Combines the character of a Grammar School and a College, and is affiliated to the University of London. A sound practical education is given to upwards of 250 boarders and day-scholars (none free), who are received from the age of 8. Instruction in Classics, Mathematics, Natural Science, English, and Modern Languages. Sir Francis Lycett, of London, has endowed 2 Scholarships of the annual value, respectively, of 50*l.* and 30*l.*, and there are 5 additional Scholarships of the value of 40*l.* each, besides numerous prizes. These and several Minor Scholarships are tenable for 2 years. Terms, boarders, from 35 to 45 guineas per annum each and extras. Vacations 13 weeks. This school is in connection with the Wesleyan Methodist Body. Governor and Chaplain, Rev. William Jessop. Head Master, Rev. W. H. Dallinger, F.R.S., and 17 assistant Masters.

**\* † SHEFFIELD, COMMERCIAL SCHOOL (DAY), VICTORIA STREET.** The course of instruction comprises English, Composition, Mapping, Mathematics, History, Astronomy, Latin, Greek, and French Languages, and Drawing. Terms, 1*l.* 1*s.* per quarter. A few boarders are received at 40 guineas per annum. Vacations, a month at Midsummer and Christmas. Principal, J. E. Adams, and assistant Masters.

**SHEFFIELD, NETHER EDGE AND BRINCLIFFE SCHOOL, 1, OAKHILL ROAD, NETHER EDGE.** A middle-class day-school for boys. Terms: pupils, 5*l.* to 6*l.* per annum. Principal, Ashford Jenkinson.

**\* SHELTON, near STOKE-UPON-TRENT (*Staffordshire*), RICHMOND TERRACE SCHOOL.** Established 1846. Instruction in Classics, Mathematics, English, French, etc., to boys who are prepared for the Public Schools and the University Local Examinations. Terms: boarders, 54 guineas per annum; day-pupils, from 12 to 20 guineas per annum each. Principal, Charles M. Osmond.

**\* SHEPTON MALLET (*Somersetshire*), THE GRAMMAR SCHOOL.** Founded 1627, by G. and W. Strode. Endowment, 20*l.* per annum and house. Instruction in Classics, Mathematics, French, and English Commercial course to boys, 20 of whom are free, and day-scholars at 6 guineas per annum. Pupils admitted from 8 years of age by the Head Master. Free boys admitted by Trustees. Examinations by Clergymen. Vacations, 13 weeks. Head Master, William J. Jervis, M.A., of Corpus Christi College, Cambridge.

**SHEPHERD'S BUSH.** See LONDON, W. DISTRICT.



\* \* **SHERBORNE** (*Dorset*), SHERBORNE SCHOOL. See PUBLIC SCHOOLS, Part V.

\* **SHERBORNE, FOSTER'S ENDOWED SCHOOL** (*3rd Grade*). Founded 1872. Endowment, 172*l.* 17*s.* 6*d.* The object of the school is to provide thorough instruction for boys between the age of 7 and 15. The Junior Forms are grounded in Elementary work, Arithmetic, and Writing. In the Senior Forms the study of Latin, Greek, German, Euclid, Algebra, Drawing, Mathematics, English Literature, Composition, and Analysis, Agricultural Chemistry, Land-Surveying, Natural Philosophy, etc. The Fourth Form is regularly prepared for the London University Matriculation and the Oxford and Cambridge Local Examinations. Terms: boarders, 35 guineas; and day-pupils, at 6*l.* per annum each. There is also an entrance fee of 1*l.* Vacations, 11 weeks. Head Master, J. C. Cooper, with 2 resident and 2 non-resident Masters.

**SHERBURN** (*Yorkshire*), HUNGATE'S SCHOOL. Founded about 1608. Endowment, 228*l.* The school is divided into an Upper and Lower division. Subjects taught in Upper, English, Drawing, Latin, French, and Book-keeping; subjects taught in Lower, the ordinary English subjects and Drawing. The whole school examined by Her Majesty's Inspector of Schools and Diocesan Inspectors. The number of pupils in Upper division, including 12 boarders and 4 orphans, is about 40; number in Lower division about 70. Pupils prepared for Cambridge or Oxford Local Examinations if required. Head Master, John Lee Cover, C.M. and Science Master.

**SHIELDS, SOUTH.** See SOUTH SHIELDS.

\* † **SHIFFNAL** (*Salop*), SHIFFNAL GRAMMAR SCHOOL. Founded in 1595, by John Aron. Endowment, 20*l.* per annum. This school is at present in the hands of the Charity Commissioners awaiting a new scheme. Head Master, S. Martin Young, M.A., Trinity College, Dublin.

**SHIPLEY** (*Yorkshire*), APSLEY SCHOOL. Established 1867. The course of education includes the usual English subjects, Latin, French, and Mathematics. There are 35 pupils. Fees: for day-pupils, from 6 to 8 guineas per annum. No limit to age. Examinations by Science and Art Department in Chemistry, Electricity, Sound, Light and Heat Mathematics. Vacations: 5 weeks at Christmas; 6 weeks in August and September. Principal, James Lonsdale, of Trinity College, Dublin, 1 assistant Master and non-resident Science Master.

† **SHIREOAKS**, *near WORKSOP* (*Nottinghamshire*), THE VICARAGE. Pupils prepared for the Public Schools, the Military and Civil Service Examinations, or the Universities. Terms: under 14, 100 guineas; others, 150 guineas per annum. Principal the Rev. G. Osborne Brown, M.A., Cambridge, Graduate in Honours, Vicar of Shireoaks.

\* **SHIRLEY**, *near SOUTHAMPTON* (*Hants*), CLEVELAND HOUSE COLLEGIATE SCHOOL. Pupils prepared for Professional or Commercial pursuits, and for the Oxford and Cambridge Local Examinations, Civil Service, College of Preceptors, Preliminary Legal, and Medical Examinations. The course of instruction embraces the usual branches of a sound English education, with the Greek, Latin, and French Languages, Mathematics etc. Terms: for boarders, from 30 to 35 guineas per annum; day-pupils,

4 to 8 guineas per annum. Principal, J. Parkinson, assisted by experienced Masters.

SHOOTER'S HILL (*Kent*), SHOOTER'S HILL PREPARATORY MILITARY SCHOOL, 1, BRUNSWICK VILLAS, UPPER EGLINTON ROAD. This school provides education for boys intended for the Army, and is affiliated to the Oxford Military College. The scholastic year is divided into 3 terms, each including 13 weeks of study. The holidays are 10 days in April, 6 weeks in the autumn, and 5 weeks at Christmas. Fees: for board and English education, from 40 to 50 guineas; day-pupils, 10 to 14 guineas per annum. Principal, T. Jones. with assistant Masters.

¶ \* † SHOREHAM, NEW (*Sussex*), PROTESTANT GRAMMAR SCHOOL. Preparation for the Universities, Public Schools, and Professional life, also for University Local Examinations. Since 1858, eighty-one Certificates (9 in honours), have been obtained by the pupils at the Oxford and London Universities. Apothecaries' Hall, College of Preceptors and the Oxford and Cambridge Local Examinations. Foreign pupils are received. Terms for boarders, very moderate. Principals, W. H. and H. Harper, assisted by resident and non-resident Masters.

SHREWSBURY (*Salop*), SHREWSBURY SCHOOL. See Part V., PUBLIC SCHOOLS, page 335.

SHREWSBURY, KENNETH HOUSE SCHOOL. The school is divided into two sides, Classical and Modern; in the former, boys are prepared for the Public Schools; in the latter, for a commercial career. Terms: Classical side, day-boys, 21*l.* per annum; boarders, 61*l.* per annum. Modern side, day-boys, 16*l.* 16*s.* per annum; boarders, 56*l.* 16*s.* per annum. Principal, Walter R. Hay, B.A.

SIDCUP (*Kent*), HAMPDEN HOUSE. Situated near Sidcup Station on the North Kent Loop Line, 25 minutes from London Bridge. A few gentlemen's sons are received to be prepared for the Public Schools, the Professions, and Special Examinations. Inclusive terms for board and education, 70 or 80 guineas. The year is divided into the usual 3 terms, the vacations being 13 weeks. This school is now closed.

\* SILCOATES, near WAKEFIELD (*Yorkshire*), THE NORTHERN CONGREGATIONAL SCHOOL. Established 1831. The school provides a Classical, Mathematical, Scientific, and Commercial Education, and the course of study includes English, French, German, Latin, and Greek Languages, Mathematics, Chemistry, Music, and Drawing. The school is also a centre for the Cambridge Local Examinations. The scholastic year is divided into 3 terms. Vacations, 12 weeks. Average number of pupils, 77. Terms: from 36 to 42 guineas per annum, besides extras. Head Master, Rev. William Field, M.A., London, assisted by 7 resident and visiting Masters.

\* SITTINGBOURNE (*Kent*), ELM HOUSE ACADEMY, KEY STREET, near SITTINGBOURNE. The course of instruction includes the Greek, Latin, English, French, and German Languages, Mathematics, Natural Philosophy, Religious Knowledge, History and Structure of the English Language, Music, and Drawing. The curriculum is framed with a view to Matriculation at the London University, and Competition at the Oxford and Cambridge Middle Class Examinations, and at the Science and Art Department, South Kensington. Terms: boarders, from 30 to

40 guineas per annum; daily boarders, 12 guineas per annum. Principal, S. Neal Mobbs, with assistant Masters.

\* SKIPTON (*Yorkshire*), SKIPTON-IN-CRAVEN ENDOWED SCHOOL (*2nd Grade*). Founded by Sir William Ermystead, Canon of S. Paul's, A.D. 1548. Endowment, 758*l.* per annum. School rebuilt at a cost of 12,000*l.*, and re-opened January 1877. Pupils are prepared for the Universities, the learned Professions, the Army and Navy, the Civil Service, and for Mercantile pursuits. The course of study includes Classics, Mathematics, Modern Languages, Physical Science, English Literature, and Divinity. The Head Master receives boarders. Vacations, 12 weeks. An Exhibition of 30*l.* per annum, tenable for 3 years, at Christ's College, Cambridge. 2 annual Scholarships of 20*l.* per annum each, and Prizes are awarded in all subjects. Terms for tuition: in Junior department, 3*l.* a year; in Senior department, 6*l.* a year. For boarding, apart from tuition, 35*l.* a year. Free scholars, selected by Examination, not to exceed 10 per cent of whole number of boys. The upper limit of age in the Junior department is 13 years. Examined at Midsummer, by Examiners appointed by Governors. Head Master, Rev. Edward Thompson Hartley, M.A., late Scholar of Sidney Sussex College, Cambridge, Wrangler, 1871; assisted by a Second Master and 2 resident and 1 non-resident Masters.

SKIPTON-IN-CRAVEN, BOLTON ABBEY. Candidates for Holy Orders are carefully prepared for Oxford Preliminary, etc. The tuition fees are 100*l.* per annum. Principal, Rev. G. L. Childe, B.A., and late Exhibitioner of Brasenose College, Oxford.

† SKIPTON (*Yorkshire, West Riding*), SKIPTON GRAMMAR SCHOOL. Founded 1665, by Ann Middleton. Endowment, 40*l.* per annum. The funds are now appropriated to the purposes of an Elementary English School.

† SLAIDBURN (*Yorkshire*), SLAIDBURN GRAMMAR SCHOOL. Founded 1717, by John Brannard. Endowment, 80*l.* per annum. Instruction in Classics and English Grammar, free, and Mathematics and English course to 50 boys, paying 20*s.* each per annum. Head Master, T. Mudd.

SLOUGH (*Bucks*), UPTON PARK. A limited number of private pupils prepared for entrance into the Army, through Woolwich, Sandhurst, or Military Competitive Examinations, and for the Universities, etc. The house Tutors in charge are married clergymen. Fees: 67*l.* a term (3 terms in the year), or for short periods and vacations (if particularly required) 7 guineas a week. Principal, Captain F. H. Fawkes (retired, Royal Engineers).

SLOUGH, THE GROVE. Candidates are specially prepared for entering the Army, the Universities, and the Public Schools. Terms, 80 guineas. Principal, James H. Croome, with visiting Professors.

SLEAFORD (*Lincolnshire*), CARRE'S FREE GRAMMAR SCHOOL (*2nd Grade*). Founded 1604, by Robert Carre. Endowment, 105*l.* Instruction in Classics, Mathematics, Modern Languages, English, etc. There are 3 free scholars. Terms: day-boys, 8*l.*, 10*l.*, 12*l.*, according to age; boarders, 40*l.*, exclusive of tuition fees. An Examination is held once a year by Examiners from the Universities. Vacations, 13 weeks in the year. Head Master, the Rev. Robert Gibson.

\* SLEAFORD, CLASSICAL AND COMMERCIAL SCHOOL, MOUNT PLEASANT. Established 1868. The course of instruction embraces a thorough English education, with Latin, Greek, French, German, Mathematics, Book-keeping, Land-Surveying, and Mapping. Pupils have been successful in the Oxford Local, the Legal, and Medical Preliminary Examinations. Terms: boarders, from 28*l.* to 30*l.* per annum; day-pupils, from 4*l.* 4*s.* to 6*l.* 6*s.* per annum. The scholastic year is divided into 3 terms. Vacations, 12 weeks. Principal, Edwin Reginald Dibben, with 1 resident, and 1 non-resident and visiting Masters for Music and Drawing.

\* SMETHWICK (*Staffordshire*), THE COLLEGIATE SCHOOL, CLIFFORD HOUSE, SOUTH ROAD. A sound English and Commercial education with the higher branches of study. Pupils are prepared for the Public Competitive Examinations, and for Professional life. Terms: boarders, from 40 to 50 guineas per annum; day-scholars, from 8 to 12 guineas per annum. Principal, George Mapp, with assistant Masters.

SNAITH (*Yorkshire*), SNAITH GRAMMAR SCHOOL. Founded 1618, by Nicholas Waller. Endowment, 40*l.* Elementary and Commercial education. Instruction in Latin, Mathematics, and English course, to 9 Foundationers and others. Average number of pupils, 65, 9 free scholars. Vacations, 8 weeks. Frederick Galloway is Master, though the Vicar, the Rev. C. E. Storrs, is nominally Head Master, with assistant Masters.

SNETTISHAM, (*Norfolk*), SNETTISHAM GRAMMAR SCHOOL (*3rd Grade*). Founded 1708, by Anthony Hall. Endowment, 96*l.* per annum. Instruction to 50 boys in Latin and English Commercial course. There are 40 boarders. Annual prize given by H.R.H. the Prince of Wales. Fees: boarders, 36*l.* per annum; day-scholars, 6*l.* per annum. No free boys. Head Master, Rev. F. W. H. Palmer, M.A., Lincoln College, Oxford, with assistant Masters.

\* † SOLIHULL (*Warwickshire*), SOLIHULL GRAMMAR SCHOOL (*2nd Grade*). Founded by Richard II. about 1590, and endowed by Thomas Waringe. Reorganised in 1879. Endowment, 380*l.* per annum. Pupils are admitted after an examination in Reading, Writing, Arithmetic, and Geography. About 60 pupils, 20 of whom are boarders, are received. Tuition fees, 9*l.* per annum; boarding fees, 45*l.* per annum, for instruction in Classics, Mathematics, English, French, Drawing, Natural Science, and, if required, Greek. Pupils are prepared for the Universities and higher Public Schools, for professions and business pursuits, also for the Oxford and Cambridge Local and other competitive examinations. The school is examined once a year by an examiner appointed by the Governors. There are 10 Elementary Scholarships of 7*l.* each, and Foundation Scholarships are about to be established. 2 Exhibitions, each of the value of 30*l.*, open to all boys educated at the school, for not less than 3 years. 5 Scholarships and 1 Exhibition are vacant annually. The poet Shenstone was educated at this school. Head Master, the Rev. Robert Wilson, M.A., LL.D., Trinity College, Dublin, with 3 assistant and 3 visiting Masters.

SOUTHALL, THE HIGH SCHOOL. The aim of this school is to provide a sound and liberal education at a moderate cost. Pupils are prepared



for the University Local Examinations, the Public Schools, the various Examinations requisite for entering the Legal and Medical Professions, the Civil Service, etc. Terms: day-boys, 10 guineas per annum; boarders, under 12, 40 guineas per annum; boarders, above 12, 45 guineas per annum. Principal, R. H. O. Stubbs, M.A., London.

† SOMERTON (*Somerset*), GLOVER'S FREE SCHOOL. Founded 1676, by Thomas Glover. Endowment, 39*l.* per annum. Is merged into National School, where 15 children are free on this Foundation.

\* SOUTHAMPTON (*Hampshire*), KING EDWARD VI. GRAMMAR SCHOOL (*2nd Grade*). Founded A.D. 1553, by Dr. W. Capon; rebuilt 1872; and reconstituted under a new scheme and Board of Governors, 1875. The course of instruction comprises Latin, Greek, French, German, Writing, Arithmetic, English Composition and Literature, Mathematics, Natural Science, Drawing, and Vocal Music, Military Drill, to about 100 pupils, who are received from 8 to 17 years of age, and prepared for the Oxford and Cambridge Local and other Examinations. Terms: for boarders, 53*l.* per annum; and day-pupils, 7*l.* 10*s.* per annum each; Greek, 3*l.* a year extra. The school year consists of 3 terms, commencing in January, May, and September. Vacations, 11 weeks. Dr. Watts was formerly educated at this school. Head Master, J. Fewings, B.A., B.Sc., with 6 assistant Masters.

\* SOUTHAMPTON, SOUTHAMPTON COLLEGE. The school is divided into a Senior and Junior Department, to suit the different ages of pupils who are prepared for the Universities, Indian Civil Service, Indian Civil Engineers, Woolwich, etc. Terms: boarders, from 60 to 120 guineas per annum; and day-pupils, from 14 to 18 guineas per annum each, and a few extras. Previous to the summer vacation, written Examinations, extending over 10 days, take place. The results of these Examinations, combined with the daily reports, determine the successful candidates for prizes and certificates of honour. Vacations, 14 weeks. Head Master, D. Tierney, B.A., C.E., and assisted by 5 resident and 3 non-resident Masters.

SOUTHAMPTON HARTLEY INSTITUTION. Founded by the bequest of the late Henry Robinson Hartley, 1859, and publicly opened by the late Viscount Palmerston, K.G., 1862. Established to promote the study and advancement of the Sciences of Natural History, Astronomy, Antiquities, Classical and Oriental Literature, and the Fine Arts, in the town of Southampton. The Institution building, with the site on which it stands, has cost upwards of 20,000*l.*, and comprises the following Departments: the Circulating Library, the Reference Library, the Reading Rooms, the Museum, the Art Gallery, the Lecture Hall, the School of Science and Engineering, the School of Art, the Department of General Literature, the Evening Classes, and the Reading Room of the Southampton Chamber of Commerce. The educational departments are arranged to prepare candidates by theoretical and practical instruction, for Engineering and other Scientific pursuits, for the Indian Services, the Army, the Civil Services, and the Universities. There are large Laboratories and Class-rooms for the practical study of Natural History, and a School of Art forms part of the scheme. The educational department comprises School of Engineering and Technical



Science, School of General Literature, Department of Preliminary Medical Education, School of Art. Fees: 15*l.* to 25*l.* per annum. Scholars are admitted above 14 years of age. Educational staff: Head Master, T. W. Shore. F.G.S., Mem. Br. A. for the Advancement of Science, Executive Officer; J. Brierley; S. Halford Hobley, L.R.C.P.; C. W. Hankin, B.A., Oxon; F. C. Von Decker, Ph.D., Heidelberg; H. L. du Domaine; R. Pratt; W. H. Williams; H. Glasspool; T. W. Shore, junior.

SOUTHAMPTON, TAUNTON'S TRADE SCHOOL (*3rd Grade*). Founded 1752, by will of Alderman Richard Taunton. Endowment, about 200*l.* per annum. The object of the school is to supply a sound Commercial education, with special reference to technical training. Instruction in English, Latin, French, and Natural Science. There are 97 pupils. The old free scholars are being worked off the foundation. Exhibitioners will take their place. Scholars admitted from 8 years upwards, by application to the Head Master. Exhibitions will be competed for when the new building is finished and the new scheme framed by the Endowed Schools Commissioners is fairly in working order. 2 Science and Art Scholarships, annual value 15*l.* each, tenable for 1 year, annually awarded. In special cases extended for 2 or 3 years. A new scheme has recently been prepared for the school by the Endowed Schools Commissioners, and the school is at present in a transition state. The fees are 2*l.* 10*s.* and 3*l.* per annum, with an extra charge for Science teaching. Vacations, 9 weeks. Head Foundation Master, P. G. Corbin. Second Foundation Master, Harford J. Lowe, and 2 assistant Masters.

\* SOUTHAMPTON, HANDEL COLLEGE, PROSPECT PLACE. Established 1867. Pupils prepared for the Oxford and Cambridge Locals, London University, College of Preceptors, and other Examinations. 100 pupils are in attendance, and there is a Preparatory Class for little boys from 7 to 8 years of age. Terms: boarders, from 35 to 50 guineas per annum; day-pupils, 6 to 9 guineas per annum each. Vacations, 12 weeks. Principal, Aaron Harvey, M.C.P., with 10 resident and non-resident assistant Masters.

SOUTHAMPTON, WATERLOO HOUSE SCHOOL, WATERLOO PLACE. Instruction in English, Classics, and Mathematics. Terms: boarders, from 36 to 45 guineas per annum; day-pupils, from 8 to 10 guineas per annum. Examinations yearly by College of Preceptors. Vacations, 12 weeks. Principal, W. H. Ridgway, with assistant Masters.

\* † SOUTHAMPTON, SPRING HILL. Established 1825. A Classical and general education provided. Particular attention given to Modern Languages. There are 40 scholars, who are admitted from 12 to 15 years of age. Half-yearly Examinations by University Graduates. Pupils are prepared for the Oxford and Cambridge Locals, for the Universities, and for Professional and Commercial life. Vacations, 13 weeks. Principal, the Rev. J. L. Carrick, M.A., with 3 resident (Graduates) and 5 non-resident Masters.

\* † SOUTHAMPTON, BEDFORD PLACE SCHOOL. Preparation for University Local Examinations. Principal, David Cruickshank.

\* † SOUTHAMPTON, POLYGON HOUSE SCHOOL. Founded 1849. Instruction in Classics, French, German, Mathematics, and English course,

to about 30 boys, some boarders, at 70 or 80 guineas; and others, day-boys, at 20 guineas per annum. No recent data respecting this school has been obtainable.

**SOUTHBOROUGH** (*Kent*), **MIDDLE CLASS COLLEGIATE SCHOOL**, *near TUNBRIDGE WELLS*. Established 1868. Instruction in Writing, Arithmetic, Map Drawing, English in all its branches, Drawing, Music, Algebra, Euclid, Latin, French, and German. The boys are prepared to pass the examinations of the College of Preceptors, and other examinations. Terms, from 40 to 45 guineas per annum each. The school year is divided into 3 terms, corresponding with those of the Public Schools. Principal, G. P. Pearce, M.C.P., assisted by resident and visiting Masters.

\* **SOUTHEND** (*Essex*), **S. JOHN'S COLLEGE**. Established 1859. Instruction in Classics, Mathematics, French, German, and English course, to 70 boys, of whom 50 are boarders, at 42 to 60 guineas, and 20 are day-scholars, at 10 to 15 guineas. Pupils received from 8 years of age. Pupils prepared for the University Middle Class Examinations, and for the College of Preceptors. Vacations, 13 weeks. Principal, J. R. Hemmann, and 3 resident and 1 non-resident assistant Masters.

**SOUTHGATE** (*Middlesex*). Pupils prepared for the Universities, Woolwich, Sandhurst, the Military Competitive and Home Civil Service. Terms: 1 year (3 terms), 250 guineas; 1 term (12 weeks), 87*l.* 10*s.*; 1 month, 30 guineas. Extras: Fencing, Racquet Court and Cricket Club subscriptions. Number of pupils limited to twelve, but pupils can be received at any time. Principal, Boyle Arthur Green, M.A., Corpus Christi College, Cambridge, assisted by a staff of Tutors.

\* **SOUTHMOLTON** (*Devonshire*), **MIDDLE SCHOOL**. This was a Commercial and Mathematical Academy for more than 40 years; re-organised as a Middle Class School in 1868. Instruction in thorough English, Latin, French, Euclid, Algebra, and Drawing. Average number of pupils, 30, who are received between 7 and 8 years of age. Pupils prepared for the Oxford and Cambridge Local Examinations, etc. Terms: boarders, from 17 to 25 guineas per annum; and day-pupils, from 4 to 5 guineas per annum each. Vacations, 9 weeks. Principal, Samuel Brown, A.C.P. Master.

\* † **SOUTHMOLTON, SQUIER'S LATIN SCHOOL**. Founded 1684, by Hugh Squier. Endowment, 35*l.* per annum. This school is now merged in the Middle School (see above).

**SOUTH PETHERTON** (*Somerset*). See **PETHERTON, SOUTH**.

**SOUTH PENGES** (*Surrey*). See **LONDON, S.E. DISTRICT**.

**SOUTH NORWOOD** (*Surrey*). See **LONDON, S.E. DISTRICT**.

\* **SOUTH LEIGH, WITNEY** (*Oxon*), **S. JAMES'S COLLEGE**. The object of the College is to prepare a limited number of pupils, the sons of gentlemen, for the Public Schools, the Professions, and high education generally. Terms, 80 guineas a year. Principal, the Rev. Gerard Moultrie, M.A., of Exeter College, Oxford; Sub-Warden, W. E. Wallace, Worcester College, Oxford.

\* **SOUTHPORT** (*Lancashire*), **SOUTHPORT COLLEGE**. Established 1857. The course of education is adapted to pupils from 8 to 18 years of age,

who are carefully trained in all the branches of useful knowledge, including Classics, Mathematics, and the Natural Sciences (experimentally), for Professional and Mercantile pursuits, and special attention is given to the preparation for the various Competitive Examinations. 28 certificates have been gained by this school at the Oxford and Cambridge Local Examinations up to 1873, 8 in honours. Terms: for boarders, 50 to 80 guineas per annum; day-scholars, from 12 to 20 guineas per annum, and extras. Vacations, 12 weeks. Principal, E. Clough, M.C.P., assisted by resident and visiting Masters.

\* **SOUTHPORT, SOUTHPORT LODGE SCHOOL, PROMENADE.** Instruction in Classics, Mathematics, French, German, English, Sciences, Drawing, and Music. Pupils are prepared for the Public Schools, Professional or Mercantile pursuits. Terms, from 68 to 92 guineas per annum. The year is divided into 3 terms. Principal, Dr. John B. Cornwell, assisted by competent Masters.

\* **SOUTHPORT, STRATHMORE HOUSE SCHOOL.** Established 1864. Instruction in Classics, Mathematics, French, German, and English in all its branches with Science. Pupils prepared for the Universities, Cambridge Local Examinations, and the various Professional entrance Examinations. During the last 15 years 97 certificates have been gained at the Oxford and Cambridge Local Examinations, 56 in honours, 18 in first class. Terms: boarders, from 70 to 80 guineas per annum, inclusive; and day-boarders, 36 guineas per annum each, with extras. Vacations, 13 weeks. Principal, Francis F. Rigg, M.A., with 7 assistant Masters.

**SOUTHPORT, GLENHURST, PRESTON ROAD.** Established January 1869. Instruction in English, Latin, French, Music, and Drawing, to a limited number of pupils, who are received from 6 to 13 years of age. The year is divided into 3 terms. Vacations, 13 weeks. Principals, Mr. and Mrs. Maybury, with 2 resident and 1 non-resident assistant Masters.

**SOUTHPORT, THE COLLEGIATE SCHOOL, SCARISBRICK NEW ROAD.** Pupils are prepared for the University Local Examinations, Professional Examinations, and for Commercial life. The subjects taught are English, French, German, Latin, Greek, Mathematics, Natural Philosophy, Music, Drawing, and Drill. Terms: boarders, from 40 to 50 guineas per annum; and day-pupils, from 8 to 12 guineas per annum each, and a few extras. Principal, William Ross, University of London, and 5 assistant Masters.

\* **SOUTHPORT, BICKERTON HOUSE, BIRKDALE PARK.** Boys are prepared for Commercial life, and for the Middle Class, Civil Service, or University Local Examinations, at which 165 certificates have been gained by the pupils at this school up to 1873, 38 in honours. Classics, Mathematics, French, German, Music, and Drawing, Chemistry, Natural Philosophy, Botany, etc., are taught to about 60 pupils. Terms: for boarders, 90 guineas. Vacations, 12 weeks. Principals, Henry Mathwin, B.A.; Henry Mathwin, Junr., B.A.; and C. L. Hadfield, B.A., assisted by 4 resident Masters and 1 visiting Tutor.

\* **SOUTHPORT, OXFORD HOUSE COLLEGE, OXFORD ROAD, BIRKDALE PARK.** Thorough instruction in English, Latin, French, Mathematics, German, Drawing, Chemistry, and Music. Pupils are prepared for the

University Local and other Public Examinations. Terms: boarders, from 42 guineas per annum; and day-pupils, from 12 guineas per annum each, and a few extras. Principal, James Collier, B.A., London.

**SOUTHPORT, BIRKDALE, DUNESVILLE.** The Course of Instruction includes, in addition to a thorough English education, the Greek, Latin, French, and German languages, the usual branches of Mathematics, and systematic lessons in Natural Science. Vacations, the school year is divided into three terms. The holidays, which occur at the end of each term, are altogether between 12 and 13 weeks. School fees and board, for boys under 14, 70 guineas per annum; for boys over 14, 75 guineas per annum. Principal, Benjamin Gooch, B.A., London, assisted by competent English and Foreign Masters.

\* **SOUTHPORT, ATHELHAMPTON SCHOOL.** Established 1870. Instruction in English, Latin, Greek, Mathematics, French, German, and Physical Science, to 32 scholars. Terms: boarders, 50*l.* per annum; and day-scholars, 12*l.* per annum each. Vacations, 12 weeks. Principal, George Compton Smith, M.A., and 1 resident assistant and three non-resident Masters.

**SOUTHSEA (Hants), "EASTMAN'S" ROYAL NAVAL ACADEMY, BURGOYNE HOUSE.** Founded 1851. This school was established by the late Mr. Eastman, Naval Instructor, R.N., and conducted by him for nine years. The present Principal has carried it on for the last nineteen years, assisted by a staff of resident Masters. Pupils are carefully grounded and prepared for the Navy and the Public Schools, and are also carried forward in their studies in preparation for the Army. That the school may be especially adapted for junior boys, senior pupils are not received. More than 1,200 pupils have entered H.M. Service from this establishment. All pupils are taught to swim. Principal, G. Eastcott Spickernell, M.A., who is assisted by a staff of competent Masters.

¶ **SOUTHSEA, THE DIOCESAN GRAMMAR SCHOOL, CASTLE ROAD.** Established 1860. This school is in union with the Royal College of Preceptors, London. In the Cambridge Mathematical Tripos, January, 1876, Mr. J. F. Main, of Trinity College, who was educated in this school, took the position of Tenth Wrangler. Examined yearly by the Diocesan Board of Education, and by the Oxford and Cambridge Syndicate. Average number of scholars, 60; daily pupils, and limited to 20 boarders. The scholastic year is divided into 3 terms. Vacations, 13 weeks. Terms, for a thorough education, including English, Latin, Greek, French, Mathematics, and Natural Science: boarders, from 40 to 60 guineas per annum. Principal and Head Master, Rev. Geo. H. De Fraine, LL.B., with 3 resident and 4 non-resident Masters.

**SOUTHSEA, EASTWELL COLLEGE.** This school was established in 1877. Pupils are prepared for the Universities, Public Schools, the Army, Navy, Medicine, or the Law, etc. The course of instruction embraces Divinity, English, Mathematics, Classics, French, German, Drawing, Sciences, Music. Pupils are received from 8 to 16 years of age, and the fees vary from 55 to 100 guineas per annum; 6 day-boys at 16*l.* and 20*l.* per annum. The scholastic year is divided into 3 terms. The



vacations are of 12 weeks only. Principal, Francis H. de Rheims, F.C.S., assisted by University Graduates.

**SOUTHSEA, HOPE HOUSE SCHOOL, SOMERSET PLACE, GREEN ROAD.** Established 1846. Instruction in Latin, Greek, French, Mathematics, and the usual branches of an English education. Pupils are specially prepared for the Navy and for other Examinations. Terms: boarders, from 40 to 50 guineas per annum; and day-pupils, 8 guineas per annum each, with a few extras. Vacations, 8 weeks. Principals, T. H. Vickery and E. M. Bewley, B.A., London, with assistant Masters.

**SOUTHSEA, S. HELEN'S VILLA, ELPHINSTONE ROAD.** This is a preparatory school where a limited number of boys are received and prepared for the Public Schools. Instruction in Classics, Mathematics, English, French, Drawing, Music, etc. Terms: 40 guineas per annum each, with extras. Principal, Miss Prosser.

**SOUTHSEA, NORTH GROVE SCHOOL.** A few non-resident pupils are received. Preparation for Naval Cadetships, Public Schools, and General Education. French and German by 2 foreign Masters. The year is divided into 3 terms. Vacations, 13 weeks. School fees, from 60 to 100 guineas a year. Principal, Justus Alenson, with 2 resident and 2 foreign Masters.

**SOUTHSEA, 15, BEACH TERRACE.** Army Candidates prepared with considerable success. Terms: 10 guineas a month; boarders from 16 guineas a month. Principal, E. J. Gilkes (late Head Master of the Naval and Military School, Ryde).

**SOUTHSEA, GLOUCESTER HOUSE SCHOOL, VICTORIA ROAD.** The course of instruction comprises Mathematics, Natural Sciences, Latin, Greek, French, German, Drawing, Music, and the usual branches of an English Education. There is a Junior Department in connection with the school, for boys under 9 years of age, conducted by Mrs. Smith. Terms: yearly boarders, from 40 to 45 guineas; day-pupils, 8 guineas per annum. Junior Department: yearly boarders, 30 guineas; day-pupils, 4 guineas per annum. The year is divided into 3 terms. Vacations, 11 weeks. Principal, Thomas Smith, F.E.I.S., assisted by competent Masters.

\* **SOUTHSEA, TINTERN LODGE SCHOOL, CLARENDON ROAD, EAST.** Established 1870. Pupils are prepared for the University Local Examinations. There are 16 boarders and 16 daily pupils. Fees: boarders, 32 to 40 guineas; day-pupils, 9 and 10 guineas. The school year is divided into 3 equal terms. Languages, Mathematics, and General Work for University Local Examinations. Principal, the Rev. James Neobard, assisted by Masters.

\* † **SOUTHSEA, S. HELEN'S COLLEGE.** A sound general Education provided, suited to the requirements of the present day, and, as far as possible, on the plan of the Public Schools. There is an Elementary Form for the preparation of young boys. Pupils prepared for the Universities or Professions. Annual terms: boarders, 40 guineas in Junior, and 60 to 70 guineas in Senior departments; day-boarders, 10 to 20 guineas each. Principal, the Rev. H. Fyffe, M.A., Oxon, assisted by several Masters.



**SOUTH SHIELDS** (*Durham*), MARINE SCHOOL. Opened 1861. Endowment, 800*l.* per annum. Instruction "in every part of mathematical and other learning useful for a mariner" to about 100 sailors of different ages, whose only qualifications for admission are their capacity to read, write, and do elementary arithmetic, and their having had at least a year's experience at sea. No school fees. Vacations: 2 months, usually July and August, and a short holiday at Christmas and Easter. Head Master, Thomas Dobson, M.A., with assistant Masters.

**SOUTHWELL** (*Nottinghamshire*), COLLEGIATE GRAMMAR SCHOOL. The school was refounded temp. Henry VIII., and further Endowment was granted by Edward VI. Endowment, 20*l.* per annum. Education in Divinity, according to the doctrine and discipline of the Church of England, Classics, French, Mathematics, and English course, to 20 day-boys, paying from 4 to 12 guineas per annum each; also 30 boarders, paying from 20 to 35 guineas, according to age. Vacations, Easter, 2 weeks; summer, 6 weeks; Christmas, 4 weeks. Head Master, John Wright, assisted by 2 resident and 3 non-resident Masters.

\* **SOUTHWICK**, near SHOREHAM (*Sussex*), COLLEGIATE SCHOOL. Pupils prepared for the literary Examinations required of candidates entering the Civil Service or Learned Professions. Terms: board and tuition in Latin, French, English, and Mathematics, pupils under 15 years of age, 40 guineas per annum, with a few extras. Principal, S. D. Fursey, M.R.C.P., of London University, assisted by resident and visiting Masters.

**SPALDING** (*Lincolnshire*), ROYAL FREE GRAMMAR SCHOOL (2*nd* Grade). Founded 1588, and chartered by Charles II., 1674. Removed to the new school buildings, erected at a cost of 3,000*l.* in 1881. Endowment, 210*l.* The course of instruction is Classical, Mathematical, and Modern. Preparation for the Universities Local Examinations. The fees for tuition are 6*l.* per annum, and the boarding fee is from 33*l.* to 39*l.* per annum. Boys admissible from 7 years old. Examinations half-yearly, when Prizes and Scholarships are distributed. Vacations, 14 weeks in the year. Head Master, Oliver D. Inskip, B.A., Trinity College, Dublin, with assistant Masters.

**SPALDING, S. PETER'S COLLEGE**. Established 1877. Pupils receive a thorough instruction in Commercial subjects, Greek, Latin, and French. Special attention paid to Science, and students intended for Engineers specially prepared. Fees: day-boys, 4 guineas per annum; boarders, 38*l.* per annum (inclusive). Examinations annually. Vacations, 10 weeks. Principal, W. Shaw Hayler, with assistant Master.

**SPEEN**, near NEWBURY (*Berks*), SPEEN HILL SCHOOL. Pupils receive a course of instruction in the usual branches of a sound English education. Terms: for boarders, 22 to 24 guineas per annum. Principal, T. S. Guyer.

† **SPILSBY** (*Lincolnshire*), THE GRAMMAR SCHOOL. Founded 1550, by King Edward VI. Endowment, 90*l.* per annum. Instruction to 30 boys free, from 8 years old, in Classics, Mathematics, and English course. Non-foundationers pay from 5*l.* to 6*l.* per annum; boarders, 36*l.* to 42*l.* Vacations, 13 weeks. Head Master, T. Disney, B.A., Merton College, Oxford, formerly Captain of Rossall School, and a staff of assistant Masters.

SPRING GROVE AND ISLEWORTH (*Middlesex*). See below.

\* \* SPRING GROVE, ISLEWORTH, THE LONDON INTERNATIONAL COLLEGE. This school was established in 1866, and the curriculum occupies a period of from 7 to 8 years, and embraces the following subjects of study:—English (Language, Literature, etc.), French, German, Latin, Greek (alternative with German) on the Classical side only, Mathematics (Arithmetic, Algebra, Geometry, Book-keeping, etc.), Natural Science, Political Economy, History, Geography (Physical and Political), Drawing, Singing, and Gymnastics. There are arrangements in the Upper School for the special preparation of pupils for the different Competitive and other Examinations at the Universities, such as for the Entrance Scholarships at Oxford and Cambridge, the London Matriculation, as also for those conducted by the Civil Service Commissioners for entrance to the Indian Civil Service, Woolwich, the Line, etc. About 200 pupils are in attendance. Boys are admitted from the age of 8, and on entering are examined to ascertain what class is best adapted for them. There is a preparatory class for boys from 8 to 10 years of age, under the immediate supervision of the Head Master; the terms for this class are 70 guineas for boarders, and 15 guineas for day-boys per annum. The dormitories are arranged on the cubicle system, each dormitory being divided among a certain number of masters, whose sitting-rooms are in the dormitories. Fees: for boarders, 80 to 90 guineas per annum; day-scholars, 24 guineas per annum. There is a preparatory class, etc. The year is divided into 3 terms. Vacations, about 12 weeks. Head Master, H. R. Ladell, M.A., with a staff of 16 assistant Masters.

SPRING GROVE, ISLEWORTH, SPRING GROVE MILITARY AND CIVIL SERVICE COLLEGE, BURLINGTON HOUSE. A limited number of pupils are received and prepared for all the Competitive Examinations; for Woolwich, for the Marine Artillery and Infantry, the Civil Engineering College at Cooper's Hill, the Forests of India, and the Home and Foreign Services, with special training for Militia Officers. The vacations are 6 weeks at Christmas, 3 weeks at Easter, and about 6 weeks in the summer. Fees: for resident pupils, 54 guineas per term, 18 guineas per month; non-resident pupils, 8 guineas per month. There is a Junior College in connection with the Military College, where 20 pupils are received. The course of study will be so directed as to prepare the pupils for all the higher Competitive Examinations. Fees, 80 to 100 guineas per year. Principal, A. Pinhey, late R.A., with an efficient staff of assistant Masters.

ISLEWORTH (*Middlesex*), HEDDON HOUSE. Pupils prepared for Sandhurst, Woolwich, and the Militia. Fees: 200*l.* per annum; no extras; for shorter terms, 6*l.* a week. An excellent staff of Tutors for all branches. Great attention is paid to Modern Languages. Principal, J. M. Bell, M.A., late of Dresden and Woolwich.

STAFFORD (*Staffordshire*), KING EDWARD VI. GRAMMAR SCHOOL. Founded A.D. 1550, by King Edward VI. Endowment, 260*l.* The school course is such as to prepare boys for the Public Schools, Universities, or for Commercial pursuits. Instruction in Classics, Mathematics, and Commercial course, including French, German, and Natural Science. Pupils in attendance, 70. Fees: in High School, 9*l.*

per annum ; and in Lower School, 4*l.* 10*s.* per annum ; no free boys. Pupils are admitted into Lower School from 8 years of age, and into High School from 10 years of age. Boarders are received by the Head Master. There are 3 Entrance Exhibitions for boarders in the Head Master's house, of 25*l.* for 1 year, and extended to 3 years during good behaviour, granted annually to suitable candidates after Competitive Examination. Three Governor's Exhibitions, conferring remission of fees for one year, are given annually on the results of Midsummer Examination. There is also a Preparatory School held at the School-house. The school year consists of 3 terms. Examinations at Midsummer, by an Examiner appointed by the Governors ; at Christmas, by the Head Master. Vacations, 13 weeks : 7 at Midsummer ; 4 at Christmas ; 1 each at Easter and Michaelmas. Head Master, Rev. H. J. Ferrier, M.A., with 5 assistant Masters.

STAFFORD, FOREBRIDGE ACADEMY. Established 1846. Course of instruction chiefly Commercial, including Latin, French, Greek, German, Practical Surveying, Phonography, etc. 93 day-pupils in attendance, paying 5 to 6 guineas per annum ; and 33 boarders, paying 25 to 35 guineas per annum. Examinations, end of each term. Vacations, 12 weeks. Principal, F. Taylor, with 4 resident and 2 non-resident assistant Masters.

STAFFORD, THE HIGH SCHOOL, 9 AND 10, MEYRICK ROAD. A thorough English education, with as many of the following subjects as may be desired : Latin, Greek, French, Euclid, Algebra, Trigonometry, Mensuration, Book-keeping, Natural Philosophy, and Chemistry. Terms : Boarders, 30 guineas ; day pupils, 6 guineas ; dining, 9 guineas per annum. No extra charges of any kind except for books. Principal, C. H. Robinson, Trin. Coll., Dublin (late English Master of King Edward VI. School, Stafford).

\* STAMFORD (*Lincolnshire*), RADCLIFFE AND BROWNE'S HIGH SCHOOL. This school was opened under a new scheme at Midsummer 1874, on the site of the old Grammar School, founded A.D. 1548. The scheme is intended to provide a sound practical and liberal education at a very moderate cost. The number of boarders is, for the present, limited to 50. The course of instruction includes Divinity and Mathematics, Mensuration, with Land Surveying, Book-keeping, Mechanics, English Composition, and Literature, Latin, Natural Science, French, Drawing, Vocal Music. The school is examined at least once in every year, by Examiners appointed by the Governors. The school year is divided into 3 terms of about 13 weeks each. No boy is admitted under 8 years of age. Fees : for day-boys, 6*l.* to 8*l.* per annum ; and for boarders, 36*l.* to 38*l.* per annum. A new scheme will probably come into force in the course of the Year. Head Master, Arthur Wilmot Welch, M.A., formerly Scholar and Prizeman, Trinity Hall, Cambridge.

† STAMFORDHAM (*Northumberland*) ENDOWED SCHOOL. Founded in 1663, by Sir David Widchington. At the opening of the new schools in 1880 placed under a scheme sanctioned by the Charity Commissioners and the Education Department. 4 co-optative and 4 representative Governors. An Upper and Elementary Department under trained certificated Teachers. Bursaries are offered to the most

successful scholars. Head Master, Wm. Henderson, of Edinburgh University, and Government Certificated Master.

† STANDISH (*Lancashire*), STANDISH GRAMMAR SCHOOL. Founded 1603, by Mary Langton. Endowment, 120*l.* per annum, with house. Instruction in Classics, French, Mathematics, and English course, to 100 boys, who pay either 8*s.* 6*d.* or 26*s.* per annum, according to their studies. Robert Lord Clive, was a scholar here; R. N. Philips, Esq., M.P., for Bury, was also a scholar; he is now a trustee. Head Master, J. Brierley.

STAND, near MANCHESTER (*Lancashire*), STAND GRAMMAR SCHOOL. Founded 1688, by Henry Siddall. Endowment, 35*l.* per annum. Pupils receive a middle-class education, with Latin, etc. There are 15 day-scholars, who pay 5*l.* per annum. Age of admission at the discretion of the Head Master. Vacations: 6 weeks at Midsummer; 3 weeks at Christmas. Head Master, Rev. W. C. Squier, with 1 assistant Master.

STANSTEAD ABBOTTS, near WARE (*Herts*), ENDOWED SCHOOL. Founded 1636. Endowment, 20*l.* per annum. This is now an Elementary English School. Fees are nominal. Head Master, Francis Bouchier.

\* STAVELEY, near KENDAL (*Westmoreland*), STAVELEY NATIONAL SCHOOL. Founded 1696. Endowment, 60*l.* The instruction is quite elementary. 160 pupils in attendance, admitted from 3 years old and upwards. The school is inspected in May each year. Vacations, 7 weeks. Head Master, Joseph A. Martindale, with assistant Masters.

STAVELEY (*Derbyshire*). See NETHERTHORPE STAVELEY.

STARBECK, near HARROGATE (*Yorkshire*), BEECH GROVE SCHOOL. Established 1857. Instruction in Classics, French, German, Mathematics, Science, English, etc. The number of boarders received, about 30, and 6 to 8 day-pupils. Fees: for boarders, 42 and 45 guineas per annum; and for day-pupils, 9 to 15 guineas per annum. Admitted at 10 years of age. 22 certificates have been obtained by pupils from this school at the University Locals up to 1873, 5 in honours. Examinations at the close of each term by a competent Examiner, not connected with the school. Vacations: 3 weeks at Christmas, 3 weeks in April, and 6 to 7 weeks in August and September. Principal, J. Howell, with 2 resident and 3 non-resident Masters.

STAPLETON, near BRISTOL (*Gloucestershire*), COLSTON'S HOSPITAL (ENDOWED) SCHOOL. Founded 1703. This school is open for the reception of boys on payment, as well as free boys, and is designed to afford such a sound practical and liberal education, as adapted to the wants of the sons of farmers, tradesmen, clerks, and others. An annual sum of at least 100*l.* will be devoted to the maintenance of Exhibitions. The subjects of secular instruction are—Arithmetic, English Grammar, Composition, and Literature, French and Latin, History, Geography, Natural Science, including Chemistry and Navigation, Drawing, and Vocal Music. Terms: fee for tuition and stationery, 6*l.* per annum; boarders, 20*l.* per annum; school uniform and clothing, 5*l.* per annum. There are 100 Foundationers free, 50 paying boarders (number of latter limited only by extent of accommodation). Foundationers must pass an Examination equivalent to Standard IV. (Government Code) if



between 10 and 11 years ; Standard V. if between 11 and 12. Foundationers receive food, clothing, lodging, and education free. Examinations half-yearly by Head Master. Election of Foundationers by the Governors upon the result of these Examinations. Vacations : 1 month at Christmas, and 5 or 6 weeks at Midsummer ; also 1 week at Easter (or thereabout). Head Master, Rev. John Hancock, M.A., Associate of King's College, London, and University of Dublin, with 6 resident assistant Masters.

STEVENAGE (*Herts*), ALLEYNE'S GRAMMAR SCHOOL. Founded by Thomas Alleyne, in the reign of Queen Mary, year uncertain. Endowment, 13*l.* 6*s.* 8*d.*, besides house, garden, school premises, and 2 meadows. The course of instruction includes English, Latin, French, Mathematics, Science, Drawing, Vocal Music, and Commercial subjects. There are 30 day-boys and 25 boarders, no free boys. Day-boys pay 3*l.* to 6*l.* per annum, according to age ; boarders, 33 to 42 guineas per annum. Boys admitted when able to read and write. Exhibitions : 4 of 3*l.* per annum ; 4 of 5*l.* per annum ; and 2 of 6*l.* per annum, tenable for 2 years in the school itself, and given by Trinity College, Cambridge. Examinations in June, by an Examiner appointed by Trinity College, Cambridge, who awards the Exhibitions ; in April, by the Society of Arts ; in May, by the Science and Art Department. Vacations : 4 weeks at Christmas ; 5 weeks in August and September ; 10 days at Easter. The school year is divided into 3 terms. Head Master, Rev. George Litting, M.A., LL.B., London, with assistant resident and visiting Masters.

† STEEPLE ASTON (*Oxfordshire*), THE GRAMMAR SCHOOL. Founded 1648, by Dr. Samuel Ratcliffe. Endowment, 20*l.* per annum. This is now merely an Elementary English School. Head Master, vacant.

STEPNEY. See LONDON, E. DISTRICT.

STICKNEY *near* BOSTON (*Lincolnshire*), THE GRAMMAR SCHOOL. Founded 1678. Endowment, 126*l.* Pupils receive an English middle-class education, with French, Latin, and Music. Scholars in attendance 60. Stickney children free, from other parishes 1*l.* per year. Boarders, 20 guineas per annum. Pupils admitted any age if child knows the rudiments of reading. Vacations : 2 weeks at Christmas, 4 in the summer. Head Master, W. Andrews, London University, certificated, with assistant Masters.

STIRLING (*Scotland*), HIGH SCHOOL OF STIRLING. Endowment, 360*l.* This school is one of the higher class Public Schools recognised by the Education (Scotland) Act. It is a secondary school, and does not give purely elementary instruction ; but there is, in a portion of the same building, an affiliated Elementary School, to which younger pupils may be sent till they are ready to enter the High School classes. Those who have passed through this Elementary School, or have reached a stage at which they are ready to begin the study of Latin, may then enter the High School. All proceed to higher classes from year to year whose progress warrants this. The course of study is fitted to prepare for the Universities, and for the various branches of the Public Service. A regular curriculum has been drawn up, and embraces English, Latin, Greek, French, German, Italian, Mathematics, and Natural Science. About 200 pupils are in attendance ; no free scholars. Average fees, from 6*l.* to 8*l.* per annum ;



boarders pay from 60*l.* to 80*l.* by private arrangement with the Masters. Scholars admitted by Examination—not under 11 years of age. If previously educated at a Public Elementary School, must have passed in Standard IV. Examinations are held annually in the month of June by Professors in the Universities, appointed for the purpose by the School Board of the Burgh. Vacations, about 10 weeks. Principal, A. F. Hutchinson, M.A., Edinburgh, Rector, with 5 Masters of departments, 3 assistant Masters, and 4 visiting Masters, none resident.

STIRLING (*Scotland*), ALLAN PARK SCHOOL. Established 1870. The course of instruction comprehends the usual branches of a solid education. There is a department for young ladies as well as for boys, but the young ladies have a separate entrance into their class rooms, and are taught so as to prevent their mingling with the boys. Age for admission, 5 to 17. There are about 22 boarders, and 120 day-scholars. The fees average 4*l.* 10*s.* per annum. Examinations in June. Vacations, about 10 weeks. Principals, T. M. Luckie and J. Bruce, with 2 visiting Masters, and 4 resident Governesses, and 1 visiting Governess.

STOCKBRIDGE (*Hants*), QUEENWOOD COLLEGE, *near* STOCKBRIDGE. Established 1847, as an Agricultural College, but it is now carried on as an ordinary school. Instruction in the usual English subjects, Chemistry, Natural Philosophy, Mathematics, Classics, French, German, etc. There are 60 boys, all boarders, at from 54*l.* to 75*l.* per annum. Vacations, 12 weeks. Principal, Charles Willmore, and 6 assistant Masters.

\* STOKESLEY (*Yorkshire*), PRESTON'S GRAMMAR SCHOOL. Founded 1805, by John Preston. Endowment, 99*l.*, with Master's house. The course of instruction is Classical and Commercial. Pupils average 50, 12 of whom are free. Fees: from 3 to 4 guineas, according to age. Free boys admitted at 10 years of age, must be able to read and write; others at 8, admitted by Head Master. Free boys admitted by Trustees. Boarders' fees, 30*l.* to 35*l.* per annum. Examinations at Midsummer and Christmas by Head Master. Head Master, Henry Fawcett, M.A., with assistant Masters.

STOKE NEWINGTON. See LONDON, N. DISTRICT.

STOCKWELL. See LONDON, S.W. DISTRICT.

STOCKPORT (*Cheshire*), WELLINGTON SCHOOL, HEATON MOOR LANE, HEATON CHAPEL. The course of studies includes Reading, Writing, Arithmetic, Euclid, Algebra, English Grammar, Composition, History, Scripture, Book-keeping, French, and Drawing. 65 pupils in attendance. Terms, 4*l.* to 4*l.* 10*s.* per annum. Vacations, 9 weeks. Principal, H. Rashleigh.

† STOKE GOLDING (*Leicestershire*), FREE GRAMMAR SCHOOL. Founded 1678, by Hester Hodges. Endowment, 127*l.* per annum, with house. Instruction to 25 boys, all free, in English course, Classics, and Modern Languages. Head Master, G. E. Hurst.

\* STOKE-ON-TRENT (*Stafford*), MIDDLE CLASS SCHOOL. Established 1870. In addition to the Elementary subjects, instruction is given in English Grammar, Analysis and Composition, History, Geography, Book-keeping, Mensuration, and Land-Surveying, Euclid, Algebra, Drawing,

and Scripture (but no Catechism or Prayer-book). Average number of scholars 55, admitted at 7 years of age and upwards. Fees: for day-pupils (no boarders taken), 4*l.* 4*s.* per annum. Examinations half-yearly. Vacations, 9 weeks. Principal, T. Hemmings, with a staff of assistant Masters.

STOKE-ON-TRENT, DRESDEN COLLEGIATE SCHOOL. The course of instruction is Classical and Commercial, with Modern Languages, to about 40 pupils, admitted at 8 years of age. Examinations half-yearly. Vacations, 10 weeks. Principal, the Rev. S. Salt, with resident Master.

STONE RECTORY (*Staffs.*). A few resident private pupils prepared for the Universities or Public Schools, or for Competitive Examinations. The course of instruction comprises all the subjects usually taught in the best Public Schools, viz., a sound English education, together with Greek, Latin, French, German, and the higher branches of Mathematics, including the differential and integral calculus. Terms: for pupils above 16 years of age, 100 guineas; under 16 years, 80 guineas. Principal, the Rev. W. Wyke Bayliss, M.A., late Scholar and First-class Prizeman of St. John's College, Cambridge, and Wrangler.

STONE (*Staffordshire*), ALLEYNE'S GRAMMAR SCHOOL. Founded A.D. 1558, by the Rev. Thomas Alleyne. Endowment, 13*l.* 6*s.* 8*d.*, increased by Trinity College, Cambridge, to 100*l.* a year. There is also a rent charge of 2*l.* per annum. The education given is, generally speaking, second-grade school subjects. About 35 scholars in attendance (on foundation 8). Fees paid, 3*l.* or 4*l.* per annum, according to age. Boarders pay 28*l.* or 30*l.*, according to age. Pupils are admitted at 8 years of age, and should be able to read fairly and do addition and subtraction. Annual Examination by the Bursar, or one of the Fellows of Trinity College, Cambridge, and monthly Examinations conducted by the Master. Vacations, about 10 weeks. Head Master, George Wade, with 2 non-resident assistant Masters.

\* STONY STRATFORD (*Buckinghamshire*), TRINITY SCHOOL. Established upwards of 50 years. Training for the Cambridge Local Examinations, English, Latin, French, German, and Greek. Pupils in attendance, 50 to 60, boarders paying 35 guineas; and 20 to 30 day-scholars paying 10 guineas per annum. Admitted at 8 years of age. 49 pupils from this school have obtained certificates at the University Locals in honours. Examinations at Christmas, by Cambridge Locals for senior pupils, and College of Preceptors. Vacations, about 13 weeks. Principal, Rev. J. Thomas, B.A., T.C.D., with 3 assistant resident Masters.

\*\* STONY STRATFORD, S. PAUL'S COLLEGE. The college supplies a Public School education at a moderate rate. Boys are prepared for the Universities, for Woolwich, and other Competitive Examinations. There are 3 terms in the year. Vacations, about 13 weeks. Fees: for board and education, 63*l.* per annum. This school is now closed.

\* STOURBRIDGE (*Worcestershire*), KING EDWARD'S SCHOOL (2*nd* Grade). Founded 1552. Endowment, 672*l.* per annum. Instruction in Latin, Greek, Modern Languages, English, Mathematics, Natural Sciences, etc. Pupils in attendance 85, 12 free. Fees: Upper School,

8*l.*; Middle, 6*l.*; Lower, 4*l.* per annum. There is 1 Scholarship of 50*l.* per annum, tenable for 4 years, at Cambridge or Oxford. Vacations, 13 weeks. Head Master, Rev. W. J. J. Welch, M.A., M.D., F.C.S., with resident and other Masters.

\* STOURBRIDGE, PROSPECT HOUSE. The course of instruction includes the ordinary branches of a sound English education, Algebra, Euclid, etc. Candidates are prepared for the Oxford and Cambridge Middle Class and other Examinations. Fees: for boarders, 21*l.* to 28*l.*; day-pupils, 3*l.* 10*s.* per annum. Principal, Henry Newman, M.R.C.P., assisted by resident and visiting Masters.

STOKE, DEVONPORT. See DEVONPORT.

STOURPAINE (*Dorsetshire*), THE ACADEMY. This school is in union with the College of Preceptors. Principal, W. M. Jackson.

STOW-ON-THE-WOLD (*Gloucestershire*), THE GRAMMAR SCHOOL. Founded 1604, by R. Shepham. Endowment, 16*l.* per annum. \*Is now a National School.

STRATFORD (*Essex*). See LONDON, E. DISTRICT.

STREATHAM (*Surrey*). See LONDON, S.W. DISTRICT.

STRANRAER (*Scotland*), STRANRAER ACADEMY. Established 1842. Instruction in Classics, Mathematics, French, German, English, Commercial course, with Music and Drawing, to about 400 scholars, boys and girls, all day-scholars, admitted between 6 to 18 years of age. Fees: 16*s.* to 5*l.* per annum. Examinations in July and October. Vacations, 8 weeks. Head Master, Quentin Dalymple, M.A.

STRADBROKE (*Suffolk*), MIDDLE CLASS BOARDING AND DAY SCHOOL. Founded 1863. Endowment, 27*l.* 10*s.* This school is chiefly intended to supply to the sons of Farmers, Yeomen, and Tradesmen, a thorough English education. 30 pupils in attendance, admitted at the age of 7, if able to read. Fees: for day-scholars, 1*l.* 16*s.* to 3*l.* per annum; and for boarders, 22*l.* per annum. Examinations in November. Vacations, 9 weeks. Head Master, Benjamin Webb, with 1 assistant Master.

STRADBROKE, FREE GRAMMAR SCHOOL. Founded 1587, by Michael Wentworth. Endowment, 17*l.* per annum. Head Master, vacant.

\* STRATFORD-ON-AVON (*Warwickshire*), KING EDWARD VI. GRAMMAR SCHOOL (2nd Grade). Founded 1453, by Thomas Jolyffe. Endowment, about 500*l.* The course of instruction is Classical, Mathematical, in addition to general English subjects. About 60 boys are educated, of whom residents in the borough are free, and others pay from 6*l.* to 10*l.* per annum. Has 1 Exhibition of 50*l.*, the De la Warr Exhibition, tenable for 5 years at either University. There are 3 terms in the year. Examinations annually, by the Universities. The immortal bard, William Shakespeare, was educated at this school. Head Master, Rev. W. C. Perry, M.A., Scholar of St. Catherine's College, Cambridge, with 2 resident assistant Masters, Graduates.

STRATFORD-UPON-AVON, THE COLLEGE SCHOOL. This school was opened on the 23rd of January, 1872. Pupils are prepared for the Public

Schools, and also for the Universities. Annual fees : for boys under 12 years of age, 50 guineas ; from 12 to 15 years of age, 60 guineas ; over 15, 70 guineas. Pupils above 15, preparing for the Civil Service or Indian Examinations, for the Army, or the Universities, have private instruction and special advantages for study. 3 terms each year, as at Rugby. Instruction in Classics, Mathematics, English, French, Singing, German, Drawing, and Instrumental Music. Visitor, the Lord Bishop of Worcester, late Head Master of Bromsgrove School. Senior Classical Master and Chaplain, the Rev. A. R. Harrison, M.A., Worcester College, Oxford, with 7 resident assistant Masters. Warden, R. F. Curry, M.A., Christ Church, Oxford.

STRATFORD-UPON-AVON, TRINITY COLLEGE. Preparation for the Great Public Schools, Universities, Army, Civil Service, etc., is carried on in 3 departments : the Senior Classical, Modern, and Lower Schools. as described in the preceding paragraph. The Rev. George F. Grundy, M.A., Liscard Cottage, West Street, Stratford-upon-Avon, Assistant Chaplain and Master, receives a few private boarders, who share all the privileges of Trinity College. Terms : for boarders, from 70 to 90 guineas per annum.

¶ STROUD (*Gloucestershire*), THE GRAMMAR SCHOOL. Established 1871. The school affords, at a very moderate cost, a good education, adapted to the wants of the upper and middle classes. The course of instruction is designed to fit pupils for Mercantile pursuits, and for the Civil Service. also for the University Middle Class and Matriculation Examinations. It includes, in the ordinary course, the usual English subjects, French, (taught conversationally as well as grammatically), Latin, Mathematics, Drawing, etc. There are 40 pupils in attendance, admitted at 10 years of age. Fees : for day-boys, 10 to 12 guineas ; and for boarders, 60 to 70 guineas per annum. Vacations, 12 weeks. Examinations annually by the Cambridge Syndicate. Head Master, Jordan Gill, with a staff of assistant Masters.

\* STROUD, BUSSAGE HOUSE. Established 1872. The pupils at this excellent school are prepared for the Universities, the Professions, and for Mercantile life. The course of instruction includes the Classics, Mathematics, French, German, Science, and the various branches of general education. Lectures are given in Chemistry, Electricity, Botany, and Geology. The year is divided into 3 terms. Vacations, 13 weeks. Fees : 45*l.* to 60*l.* per annum. Principal, J. Sibree, M.A., of the University of London, assisted by 2 resident and 4 visiting Masters.

† STROUD, S. CHLOE ENDOWED SCHOOL, *near* STROUD. Endowment, about 90*l.* per annum. Instruction to 25 boys of the district free, and a limited number of private scholars in English Commercial course. Head Master, vacant.

STUDLEY, *near* REDDITCH (*Warwickshire*), STUDLEY GRAMMAR SCHOOL. Founded 1810. Endowment, a large house and garden. This school is now in abeyance.

SUDBURY (*Suffolk*), THE GRAMMAR SCHOOL. Founded 1491, by William Wood. Endowment, the school-house rent free. Pupils are instructed in the principles of the Christian Religion. the Greek, Latin, and



French Languages, Mathematics, Algebra, Arithmetic, General English Literature and Composition, Sacred and Profane History, Geography, Reading, and Writing. Present number of day-scholars, 27. School fees, 6*l.* a year. Scholars admitted from 7 years and upwards. Examinations at Midsummer and Christmas. Vacations: 6 weeks after Midsummer-day; 5 weeks at Christmas; a few days at Easter and Michaelmas. Head Master, Arthur Colborne, M.A.

SUNBURY-ON-THAMES (*Middlesex*), MILITARY COLLEGE, SUNBURY HOUSE. Founded in 1855, exclusively for Military education. Instruction to about 30 students from 16 years and upwards. Preparation in Junior department, for Woolwich, Sandhurst, and direct Commissions; and in Senior department, for the Staff College and the Militia Military Competition Examinations, at from 22 to 25 guineas per month. No vacations. Principal, Major Lendy, F.L.S., F.G.S., F.S.A., etc., and a staff of University Graduates, besides other Professors.

SUNNINGDALE (*Berkshire*). A limited number of pupils received from 8 to 15 years of age. The boys are thoroughly grounded in English, Modern Languages, Greek, Latin, and Mathematics, and are specially prepared for Eton, Harrow, Winchester, or any of the Public Schools. The year is divided into 3 terms, with vacations at the same time as at Eton—in the summer, at Christmas, and at Easter. The terms are 150 guineas per annum. Principal, the Rev. Dr. Harding Girdlestone, with resident assistant Masters.

SUNNINGDALE, THE RISE, EDUCATIONAL HOME. Number of boarders limited to 8. Subjects: Religious Knowledge, Reading and Elocution, Writing and Book-keeping, English Grammar and Composition. Geography, History, Arithmetic, and Algebra. Alternative subjects: Latin, French, and Higher Mathematics. Age, from 7 years and upwards. Terms: boarders, from 25*l.* to 30*l.* per annum; day-pupils, 4 guineas per annum. Principal, Arthur Johnson.

SURBITON (*Surrey*), NEWTON HOUSE. A limited number of pupils carefully prepared for the Public Schools, the Competitive Examinations, the Universities, or for Commercial pursuits. The general course of study embraces all the subjects required for the London University Matriculation Examination. Special preparation for Eton, Rugby, Charterhouse, and other Public Schools. Special attention given to Modern Languages; and particular care is given to French and German, both these languages being continually spoken in the house and at table, so that boys learn them conversationally, avoiding residence abroad. The scholastic year is divided into 3 terms. Vacations, 13 weeks. Fees, 80*l.* to 120*l.* per annum. Principal, the Rev. John S. Dawes, D.D., with efficient assistant Masters.

SUTTON (*Surrey*), NORFOLK HOUSE. Established 1868. 12 pupils are received as boarders, to prepare for the Public Schools, Competitive Examinations, and Learned Professions. The course of instruction comprises the Classics, Mathematics, the Modern Languages, English, including Grammar, Composition, and Spelling, Geography, History, Arithmetic, Writing, Mapping, Book-keeping, Music (Vocal and Instrumental), Drawing, Drill, and the Holy Scriptures. Pupils admitted under 14 years of age. Fees, 100 guineas per annum. The year is divided into



3 terms. Weekly and terminal Examinations by the Principal and staff. Vacations, 12 weeks. Principal, the Rev. G. Crowther Smith, with 1 resident and 2 non-resident assistant Masters.

SUTTON, LANGLEY PARK COLLEGE, CAVENDISH ROAD. At this school the curriculum of studies includes the usual course of general instruction, fitting boys for Commercial or Professional life. The terms for boarders are 40 guineas per annum. Principal, T. Sorrell, with competent assistant Masters.

SUTTON, THE SUTTON COLLEGIATE SCHOOL. A limited number of day-scholars instructed in the Classics, Mathematics, French, German, English generally, Drawing, Geography, Mapping, and Arithmetic. The course of education includes all the subjects required at the various University and Competitive Examinations, as well as a Commercial career. The year is divided into 3 terms. Vacations, 13 weeks. Fees, 12 to 14 guineas per annum. Principal, Frederick A. Orr.

\* SUTTON, SUTTON PARK SCHOOL. The education given in this school comprises a thorough course of English, French, Classical, and Mathematical studies. The curriculum of study affords every facility for preparation for the Matriculation Examination, University Local Examinations, Medical Examinations, College of Preceptors, and for Professional and Commercial life. Terms, moderate. Principal, Frederic Devonshire, with assistant Masters.

SUTTON, CAMBRIDGE HOUSE SCHOOL, CHEAM ROAD. The course of instruction comprises English Language and History; Geography, English Composition, and Précis; Latin and Greek, with Roman and Grecian History; Arithmetic, Geometry, Algebra, Trigonometry, Natural Philosophy, and Chemistry; Drawing and Music; the French and German Languages. The course of study enables boys to be presented at the Matriculation Examination of the University of London, as well as at the Local Examinations of the Universities of Oxford and Cambridge. Terms, 50 to 60 guineas per annum. The school year is divided into 3 terms; viz., September to December, January to April, and May to August. Principals, Frederick J. Orwin, Chudleigh House, Cheam Road; John P. Barrett, Cambridge House, Cheam Road, and assistant Masters.

\* SUTTON COLDFIELD (*Warwickshire*), THE GRAMMAR SCHOOL. Founded 1543, by J. Vesey, Bishop of Exeter. Endowment, 480*l.* per annum. Instruction in Latin, Greek, French, German, and English in all its branches, to about 116 boys, from 8 years old, of whom 92 are day-scholars, paying 2*l.* to 16*l.* per annum. Examination at Christmas by University men. Vacations, 14 weeks. 41 pupils from this school have obtained certificates at the University Locals up to 1873, 21 in honours. Head Master, the Rev. Albert Smith, M.A., with 4 resident assistant Masters.

SUTTON COLDFIELD, ASHFURLONG HALL. Established 1871. The course of instruction is Classical and Commercial. French, German, Spanish, and Italian, also taught. 60 boarders in attendance, admitted from 8 years of age. The year is divided into 3 terms. Fees: for boarders, 36 to 42 guineas per annum. Examinations in July and De-

cember. Vacations, 13 weeks. Principal, M. W. Wilson, with 3 resident assistant and 2 visiting Masters.

**\*\* SUTTON VALENCE, near STAPLEHURST (Kent), SUTTON VALENCE GRAMMAR SCHOOL.** Founded 1576, by W. Lamb. Original endowment, 45*l.* per annum, besides house, and the support given by Clothworkers' Company, London, who are Governors of the school. Instruction in Classics, Mathematics, French, and English course; also in Chemistry and Natural Science. School rebuilt in 1864, and now contains 11 Foundation day-scholars and 80 boarders, from 8 years old. The number of day-scholars on Foundation, who pay 6*l.* per annum, may be increased to 24. All are admitted on application to Head Master, with approval of Governors. The others pay about 55*l.* per annum. Exhibitions and Scholarships: On leaving school—1 Exhibition every year of 60*l.* per annum, tenable for 3 years at Oxford, Cambridge, or London University. 1 Exhibition every year of 30*l.* per annum, tenable for 3 years, either at one of the above Universities or other place of higher education, or in preparation for some profession or business. To each of the above is added a sum of 10*l.* when the Exhibitioner takes his B.A. degree, and a further sum of 20*l.* if his name appears in any Honour List at the final Examination. The "Robins" Exhibition of 20*l.* per annum, for 4 years at St. John's College, Cambridge. In the school—The "Filmer" Scholarship of 25*l.* for 3 years, open to boarders under 14 years of age who hold no other Scholarship. The Head Master gives 6 Scholarships of 12*l.* per annum to sons of clergymen. Swimming baths, laboratory, gymnasium, and workshop. Year divided into 3 terms. Examinations in July by the Oxford and Cambridge Board. Head Master, the Rev. G. L. Bennett, M.A., St. John's College, Cambridge, with 5 resident and 2 non-resident assistant Masters.

† **SUTTON BONNINGTON (Notts), THE FREE SCHOOL.** Founded 1719, by Rev. C. Livesay. Endowment, 56*l.* per annum, and house. Now an Elementary Parochial School. Head Master, S. H. Lucas.

**SUTTON-IN-ASHFIELD (Notts), THE ACADEMY.** Established 1814. Instruction in Classics, Mathematics, French, etc., for the University Local Examinations, to about 60 scholars, at 36*s.* to 60*s.* per annum. Principal, Thomas B. Adin, with assistant Masters.

**SUNDERLAND (Durham), NORTH BRIDGE STREET ACADEMY, MONK-WEARMOUTH.** Established 1866. The course of instruction includes Mathematics, the Latin, Greek, and Modern Languages, Drawing, and every other requirement for Commerce, the learned Professions, or the Universities. 60 pupils in attendance. Fees: for boarders, 32*l.* to 40*l.* per annum; day-pupils, 4 to 6 guineas per annum. Examinations half-yearly. Vacations, 10 weeks. Principal, Charles Abbot, with 1 assistant Master.

**\*\* SWANSEA, (Glamorganshire), BISHOP GORE'S GRAMMAR SCHOOL.** Founded 1682, by Hugh Gore. Endowment, 70*l.* per annum. Instruction in Classics, Mathematics, and English course, with French, German, and Drawing as extras, scholars paying on an average 8 guineas per annum each. This large First Grade School has been fitted up at great

cost for the reception of boarders. The new buildings, erected at a cost of about 10,000*l.*, consist of chapel, library, infirmary, covered play room, and an extensive cricket field close by. The assistant Masters are Graduates in Honours at Oxford and Cambridge. The bye-laws of this school have been recently remodelled with the intention of providing a first-class education at moderate cost. Examination annually by the Oxford and Cambridge Examination Board. Head Master, Rev. J. Young, M.A., with assistant Masters.

SWANSEA COLLEGIATE SCHOOL, TANYRALLT HOUSE, PONTARDAWE. Established 1868. The education embraces preparation for the Universities, Public Schools, the Theological and Medical Colleges, or a practical introduction to Commercial pursuits, including that of Agriculture. There are 12 boarders and 12 day-pupils in attendance, admitted from 8 years of age, upwards. Examinations half-yearly. Vacations, about 12 weeks. Principal, William Samuel, B.A., Cantab.

\* SWANSEA, S. ANDREW'S COLLEGE. Established 1870. Pupils prepared for the University Examinations, London Matriculation, Oxford and Cambridge Local, the Preliminary Examinations of the Royal College of Surgeons, the Faculty of Law, as well as for the different departments of Commercial life. There are about 80 pupils in attendance, admitted at the age of 8 by the Head Master. Vacations, 12 weeks. Fees: for boarders, 39 to 48 guineas per annum; and day-pupils, 6 to 8 guineas per annum. Head Master, George G. Sutherland, F.E.I.S., with 3 resident and 3 non-resident assistant Masters.

\* SWANSEA, NORMAL COLLEGE, AMALGAMATED WITH THE CAMBRIDGE SCHOOL. The object of the school is to provide at a moderate cost a sound general education for boys from 10 to 16 or 18 years of age. Special preparation for the Matriculation Examination of the University of London. Instruction in English and Commercial subjects, Mathematics, Languages, Science and Art. Examinations half-yearly, and an annual Examination by the College of Preceptors. Fees: for boarders, 36*l.* to 44*l.* per annum; day-scholars, 8*l.* 8*s.* to 12*l.* per annum. Head Master, E. T. Davies, B.A., with assistant Masters.

SWANSEA, COLLEGIATE SCHOOL. Established 1859. The course of instruction given is Classical and Commercial. Special prominence given to Modern Language and Science. Number of pupils received yearly, 50. Fees: for day-scholars, 9*l.* per annum; boarders, 47*l.* to 51*l.* per annum. The scholastic year is divided into 3 terms. Examinations annually by the resident staff of Masters, at Midsummer by Oxford and Cambridge Graduates. Vacations, 13 weeks, at Christmas, Easter, and Midsummer. Principal, Rev. R. Gifford Wood, B.A., Classical Honours, with 2 resident and 4 non-resident Masters.

\* SWANSEA, ARNOLD COLLEGE, WOODLAND'S TERRACE. Established 1868. Preparatory training in Classic, Scientific, and Commercial subjects, including the various branches of a thorough English education, the Greek and Latin Classics, the French and German Languages, Mathematics, Music, Drawing, Chemistry, and Hebrew. The scholastic year is divided into 4 terms. Terms: for boarders, 30 to 36 guineas. Vacations, about 10 weeks. Principal, Rev. Edgar Williams, M.A., B.D.

† SWEPTSTONE (*Leicestershire*), FREE SCHOOL. Founded 1717. Endowment, 38*l.* per annum, with house and land. Was founded to teach Classics, but instructs in English course only. Head Master, vacant.

† SWINDALE (*Westmoreland*), SWINDALE GRAMMAR SCHOOL. Founded 1703, by Thomas Baxtel. Endowment, 25*l.* per annum. Instruction to Foundationers in Classics and English course. Head Master, vacant.

SYDENHAM (*Kent*). See LONDON, S.E. DISTRICT.

## T.

† TADCASTER (*Yorks*), TADCASTER GRAMMAR SCHOOL (*3rd Grade*). Founded by Dr. Oglethorpe, Bishop of Carlisle, in the reign of Queen Elizabeth, A.D. 1575. Instruction to 62 boys, all free, in Classics and English course. Head Master, W. Callum, B.A.

TAIN (*Scotland*), TAIN ROYAL ACADEMY. Founded by voluntary subscription in 1810. Endowment, about 240*l.* Upwards of 130 pupils are received, and taught English in all its branches, Latin, Greek, French, German, Mathematics, and Elements of Physical Science. Fees: 1*l.* 10*s.* to 5*l.* 10*s.* per annum; terms: for boarders, exclusive of academy fees, 30*l.* to 36*l.* per annum. 2 Scholarships of 20*l.* per annum, tenable for 4 years. Head Master, J. Scott, and 2 assistant Masters.

\* TAMWORTH (*Staffordshire*), THE GRAMMAR SCHOOL (*2nd Grade*). Founded 1588. Endowment, 200*l.* Head Master, the Rev. J. Westly Davis, M.A., S. John's College, Cambridge, with 1 assistant Master.

¶ TAPLOW, *near* MAIDENHEAD (*Berks*), THE GRAMMAR SCHOOL. Established in 1861. Boys prepared for Professional, Commercial, or Agricultural pursuits, and for the Civil Service and other Government Examinations. Instruction in English, History, Algebra, Geography, Mensuration, Land-Surveying, French, German, Greek, and Latin. Terms: for boarders, 30 guineas per annum each. Principal, Edward Dyke, assisted by 9 resident and other Masters.

\* TARVIN (*Cheshire*), TARVIN GRAMMAR SCHOOL. Founded by John Pickering, Merchant, A.D. 1600. The system of education comprises Religious instruction, Latin, Greek, French, Drawing, Mapping, Arithmetic, Euclid, Algebra, English Literature and Composition, Sacred and General History, Geography, Book-keeping, and Writing, and affords complete preparation for the Public Schools, Mercantile pursuits, and the Oxford and Cambridge Local Examinations. The school is divided into 3 sections. Terms: for boarders, 40 guineas per annum. Vacations, 9 weeks. Head Master, Thomas Gullon.

\* TAUNTON, WEIRFIELD SCHOOL. Founded 1862. The course of instruction embraces the Classics, Modern Languages, Mathematics, and the usual branches of English. Special attention given to the subjects required for entrance to the Universities, the Medical and Legal Professions, and the Oxford and Cambridge Local Examinations. Principal, R. Bailey, M.A., and assistant Masters.



\* **TAUNTON, TAUNTON COLLEGE SCHOOL.** Founded by Bishop Fox, A.D. 1522. This school has recently been reorganised, and is arranged for giving a liberal education. The subjects taught in the regular course are Latin, Greek, French, Mathematics, English, Literature, History, and Geography; Physical Science, Mathematics, French, and German can be substituted for Greek. Pupils have a claim to compete for the Huish Exhibitions at the Universities. There are 3 terms in the year, of nearly equal length. The vacations are, about a month at Christmas, 3 weeks at Easter, and 6 weeks towards the end of summer. Terms per annum: day-boys residing within  $1\frac{1}{2}$  miles of the Guildhall, 12*l.* 12*s.*; beyond that distance, 15*s.* 15*l.*; boarders under 11 years of age, 60*l.*; above, 70*l.* Head Master, Rev. H. P. Knapton, M.A., Cambridge.

**TAUNTON, THE KING'S COLLEGE.** Canon Woodard, who is inaugurating another portion of his great scheme for Church education, has become possessor of the pile of buildings lately owned by the Taunton College School. The Bishop of Bath and Wells, as Visitor, has opened it as a Public School of the Hurstpierpoint type. It is called the King's College, and is in connection with St. Nicolas College, Lancing. It was dedicated on October 26th, 1880, the Marquis of Salisbury (Senior Trustee of the College property) making an eloquent speech in favour of the type of education to be offered at the luncheon which followed. The numbers, which began with 10 boys, have now risen to 45,—18 boarders and 27 day-scholars. The buildings at present will accommodate about 200 boys. Head Master, the Rev. G. O. L. Thomson, M.A., Exeter College, Oxford.

\* **TAUNTON, INDEPENDENT COLLEGE.** Founded 1847. Associated with London University in 1849. New buildings opened in 1870. Instruction in English, Classics and Mathematics, French and German, Natural Science, etc. Receives 100 boarders and 30 day-scholars. Terms: 30 to 40 guineas per annum. There is a junior school for boys under 11 years of age. Exhibitions: 1 of 40*l.* a year, tenable for 2 years at one of the Universities; 1 of 20*l.* a year, tenable at the school; 2 of 15*l.*; and 2 of 10*l.*, etc. Head Master, F. Wilkins Aveline, M.A., B.Sc.

\* **TAUNTON, WESLEYAN COLLEGIATE INSTITUTION.** Founded 1843. Instruction in Classics, French, German, etc., to 250 scholars, between 19 and 24 years, nearly all boarders, paying from 33 to 50 guineas per annum. The students are arranged in 3 schools or departments—the Collegiate or Higher, the Commercial or Middle, and the Junior Schools. Has 4 scholarships—1 of 5*l.*, 2 of 10*l.*, 1 of 30*l.* per annum, tenable for a year. Examinations by Head Master. Governor, Rev. W. P. Slater. Head Master, Thomas Sibly, B.A., and 12 assistant Masters.

\* **TAUNTON, CASTLE SCHOOL.** Established 1853. The course of instruction includes English, Latin, French, German, Mathematics, Practical Land-Surveying, etc. Careful preparation is given for the Oxford Local and South Kensington Science and Art, and other Examinations. 8 boarders, 26*l.* to 40*l.* per annum, inclusive; 20 day-pupils, 6*l.* to 8*l.* 8*s.* per annum. Principal, Henry Veysey, assisted by resident and visiting Masters.

\* **TAUNTON, EAST STREET HOUSE, PROTESTANT COMMERCIAL SCHOOL.**



Pupils prepared for the Oxford and Cambridge Examinations, and for Matriculation at the Universities. The year is divided into 3 terms. Terms : for boarders, 25*l.* to 32*l.* per annum ; and day-pupils, 3*l.* 15*s.* to 4*l.* 5*s.* per annum. Principal, Charles Green.

TAUNTON, THE HUISH SCHOOLS. Founded in 1874 (by order of Her Majesty in Council) to promote the advancement of education in accordance with the doctrines of the Church of England. The governing body consists of 12 representative governors. Boys are prepared for the Matriculation (London) ; the University Local and College of Preceptors' Examinations ; for the Preliminary Examinations in the Legal and Medical Professions ; for the Naval and Merchant Services ; for Banks and Merchants' Offices ; for Civil Service, or for the higher Public Schools. The tuition fees are from 3*l.* to 6*l.* per annum. Greek and Instrumental Music are taught as extra subjects, at an additional fee of 1 guinea per term. 100 day pupils attend the school. Head Master, C. R. Humphrey, London University, and assistant Masters.

† \* TAVISTOCK (*Devonshire*), FREE GRAMMAR SCHOOL. Founded 1640. Founder's name unknown. Endowment, 150*l.* and school buildings. Head Master, the Rev. Edward Spencer, M.A., Cambridge.

TAVISTOCK, KELLY COLLEGE (*1st Grade*). Founded by Admiral Benedictus Marwood Kelly, and opened in September 1877. This school has been recently reorganised, and it is a first-grade Classical and Modern School. The foundation is intended primarily for founder's kin, and secondarily, for the sons of deceased naval officers, but the school itself is open to all comers. The subjects of instruction, as defined by the scheme, include Classics, Modern Languages and Literature, Physical Science, and Mathematics. There is a School Chapel and a resident Chaplain. No boy is admitted into the college who is less than 10, or more than 16 years of age at the date of his formal admission ; and no boy is allowed to remain beyond the end of the term in which he shall have attained the age of 18 years without the leave of the Trustees. Candidates for admission are required to pass an entrance examination, which is held at the beginning of each term. The trustees pay for the board and supervision and half of the charge for tuition of such number of Foundation boys as they may from time to time determine to admit. In admission to the Foundation preference is given to the kindred of the founder, and to sons of deceased naval officers, according to rules prescribed by the scheme. The following Scholarships have already been founded : the "Arthur" Scholarship, founded by Reginald Kelly, Esq., of Kelly, in memory of his brother, Arthur Kelly, value 50*l.* a year during the time of residence in the college. Two House Scholarships in the School House, given by the Head Master. The year is divided into 3 equal terms, of about 13 weeks each. The holidays are 4 weeks at Christmas, a fortnight beginning in the middle of April, and 7 weeks in August and September. The regular school charges are fixed by the trustees, and are, per annum : tuition, 21*l.* ; board and supervision, 50*l.* ; entrance fee (for Non-Foundation boarders), 4*l.* 4*s.* ; for day-boys, 2*l.* 2*s.* Head Master, Robert West Taylor, M.A. (formerly Fellow of St. John's College, Cambridge, and for 13 years an Assistant Master at Marlborough and Rugby ; 17th Wrangler and 5th Classic 1860), and assistant Masters.

**TAWTON NORTH** (*Devonshire*), **TAWTON MIDDLE CLASS SCHOOL.** Established 1863. Endowed with school house only. Instruction in French, Latin, and English course to 71 boys, of whom 29 are day-pupils, paying 3*l.* or 4*l.* per annum, according to age. Vacations, 11 weeks. There are 4 Scholarships of 10*l.* each, tenable for 2 years. Patron, Earl of Portsmouth, and a Committee of Management. Head Master, W. French, and 2 resident assistant Masters.

**TEBAY**, near **ORTON** (*Westmoreland*), **ENDOWED GRAMMAR SCHOOL.** Founded 1672. Endowment, 75*l.* per annum, and house. This is now a Public Elementary School. Head Master, T. Farrer.

**TEIGNMOUTH** (*Devonshire*), **HERMOSA SCHOOL.** Established 1849. The pupils are prepared for the University, the Learned Professions, also for the Civil, Military, and Engineering Services, and are well qualified for Mercantile pursuits. Terms: 45 to 65 guineas per annum. Principal, Rev. E. C. Britton, and assistant Masters.

**TEIGNMOUTH**, **COOMBE VALE.** At this school the subjects of instruction are Religious Knowledge, Reading and Spelling, Writing, Book-keeping, Arithmetic, Mathematics, Geography, History, English Literature, Grammar and Composition, Latin, Greek, French, German, Drawing, and Natural Science. Fees, per annum: boys under 12, boarders, 50 guineas; day-scholars, 9 guineas; boys over 12, boarders, 55 guineas; day-scholars, 12 guineas. Principal, Rev. R. D. Maxwell.

**TEIGNMOUTH**, **ST. JAMES'S GRAMMAR SCHOOL.** Trustees of Endowment Fund: The Right Rev. the Lord Bishop of Exeter; Sir J. H. Kennaway, M.P.; the Rev. W. R. Ogle, M.A.; the Rev. J. Metcalfe, M.A.; W. R. Willcocks, Esq., M.A. The school course has special reference to University and Civil Service Examinations, and boys are prepared for the Army, as well as the Legal and Medical Professions. There are 6 Scholarships on the Choir Foundation, value 15*l.* per annum, open to boarders and day-boys. The Head Master receives boarders at Orchard House, which is situate in a pleasant part of the town near the sea, and adjoining the school buildings. The school year is divided into 3 terms of about 13 weeks each. Fees, per annum: tuition, boys over 14, 15*l.*; under 14, 13*l.* Boarding house, boys over 14, 53*l.*; under 14, 45*l.* Warden, Rev. J. Metcalfe, M.A., late Scholar of Christ's College, Cambridge, Vicar of West Teignmouth. Head Master, A. Wooldridge Godby, M.A., Magdalen College, Cambridge, Graduate in Classical Honours, and a well-qualified staff of assistant Masters.

\* **TENBY** (*South Wales*), **GREENHILL SCHOOL.** Established 1869. A Commercial and Classical instruction is given to about 25 boarders and 11 day-scholars, the former paying 50 to 60 guineas, and the latter, 12 to 16 guineas. Pupils received from 8 years of age. Preparation is also given for the University Locals. 12 weeks' holiday annually. The school is specially adapted for delicate pupils, Indian, and Colonial boys. Principal, Henry Goward, M.A., LL.B., London, with 4 resident assistant Masters.

**TENBURY** (*Worcestershire*), **S. MICHAEL'S COLLEGE, DIOCESE OF HEREFORD.** The college buildings, founded in 1856, comprise a dining-hall, class rooms, large dormitory with 32 single cubicles. The pupils are prepared for the upper forms of Public Schools, etc. Terms: com-

moners, 120*l.* per annum. Extras: books, washing, medical attendance, and music. Attached to the college is a foundation for Choristers, to which boys are admitted as vacancies occur, after having been elected Probationers, and having served in that capacity for at least 6 months. The Choristers are boarded, lodged, and educated with the Commoners gratuitously. The terms for Probationers are 40*l.* per annum. Choristers and Probationers are taught Vocal and Instrumental Music gratuitously. The sons of clergymen are admitted as Commoners at 80*l.* per annum. They have also a preference, *ceteris paribus*, in election to Probationerships. There are 2 vacations, at Midsummer and Christmas, of 7 and 5 weeks respectively. Warden, the Rev. Sir Frederick Arthur Gore Ousely, Bart., M.A., Mus. Doc., Hon. Student of Christ Church, Oxford, Precentor of Hereford, etc.; Sub-Warden and Choir Master, the Rev. John Hampton, M.A., late Scholar of Queen's College, Cambridge. Head Master, the Rev. H. C. Rogers, M.A., Christ Church, Oxford, and 3 assistant Masters.

¶ TENTERDEN (*Kent*), PRIVATE GRAMMAR SCHOOL. Founded in 1843. Pupils (about 25) receive instruction in general English subjects and Latin and Greek. Terms: for boarders, 30*l.* per annum; day-pupils, 4*l.* per annum. Principal, S. J. Thompson, with 1 assistant Master.

† TENTERDEN, THE GRAMMAR SCHOOL. Founded by J. Hayman, in 1500. Endowment, 80*l.* per annum. Is merged into Church Schools, for elementary instruction. Head Master, S. J. Thompson.

\* TETTENHALL (*Staffordshire*), TETTENHALL COLLEGE. Established 1863. This college is unsectarian. Upwards of 109 boarders are received and instructed in general English subjects, Classics, Mathematics, and Modern Languages. 94 certificates have been gained by pupils at the University Locals up to 1873, 34 in honours. Head Master, Alexander Waugh Young, M.A., and assistant Masters.

\* TETBURY (*Gloucestershire*), COLLEGIATE SCHOOL. Established 1862. Instruction in Classics, French, and English course, to about 70 boys. Fees: for boarders, 30 to 40 guineas; and for day-pupils, 6 guineas per annum. Vacations, 12 weeks. Pupils from this school have always been successful at the Oxford Examinations, and at King's College. Principal, J. W. Keiller, A.C.P., with 4 assistant resident Masters.

† TETBURY, ENDOWED SCHOOL. Founded, 1610, by Sir William Rumney. Endowment, 70*l.* per annum. Was formerly classed as a Grammar School, but now provides merely Elementary English instruction. Head Master, vacant.

TEWKESBURY (*Gloucestershire*), FREE GRAMMAR SCHOOL. Founded 1576. Endowment, 86*l.* per annum. Instruction to 47 boys, of whom 24 are Foundationers, in Classics and English course. The pupils in this school are prepared for the Universities, the learned Professions, the Civil and Military Services, and for active Business. Terms: 24*l.* to 30*l.* for boarders; and 4*l.* to 6*l.* for day-pupils per annum, without extras in both cases. Vacations, 12 weeks. Principal, John Morgan, L.R.C.P.

\* TEWKESBURY, ABBEY HOUSE SCHOOL. Instruction in Classics, Mathematics, English, and Modern Languages. Preparation for the

Local and other Examinations. The terms for boarders are moderate. Principal, Joseph Priestley, B.A., London, and resident assistant Masters.

\* **THAME** (*Oxfordshire*), **THE OXFORD COUNTY MIDDLE CLASS SCHOOL**. Instruction in Classics, Mathematics, English, French, German, Drawing, Mapping, Land-Surveying, and pupils are prepared for the University Middle Class Examinations, and a sound Commercial education is given to boarders and day-scholars. Terms: for boarders, 25 to 35 guineas, per annum. Vacations, 10 weeks. Principals, J. and J. W. Marsh, assisted by 8 resident Masters.

† **THAME, LORD WILLIAMS'S GRAMMAR SCHOOL** (*2nd Grade*). Endowment, 382*l.* per annum. This school was founded in 1575, by Sir John Williams, Knight, Lord Williams of Thame, who bequeathed certain lands in Buckinghamshire and Northamptonshire for the support of a school. These lands were, in the reign of Elizabeth, transferred by Royal license to the Warden and Scholars of New College, Oxford, in whom the management of the Charity was vested. The school was reorganised and reopened in new buildings in 1879, and is now in 3 divisions, viz., (1) Upper School, (2) Middle School, (3) Junior School. The scheme prescribes that the subjects to be taught shall be "Religious Instruction, Reading and Writing, Arithmetic and Mathematics, Geography and History, Natural Science, English Grammar, Composition, and Literature, Latin, and at least one foreign European Language, Drawing, and Vocal Music." There are classes for Greek and German, which are taught as extra subjects. There are 3 terms in the year: First term, from January to April; second term, from May to August; third term, from September to December. Boarders pay 39*l.* a year, which covers all expenses except the following extras: Greek, German, Piano, each 4*l.* 10*s.* a year. Head Master, Geo. Plummer, M.A. (University of London), Head Master from 1870 to 1879 of Wellingborough Grammar School, Northamptonshire, with assistant Masters.

**THETFORD** (*Norfolk*), **THETFORD GRAMMAR SCHOOL** (*3rd Grade*). Founded 1610. Endowment, 236*l.* per annum. Instruction in Classics, Mathematics, French, German, Italian, etc., to 30 boys, of whom the free scholars are sons of inhabitants, and pay 2*l.*, and others 4*l.* 4*s.* to 10*l.* per annum. Examiners from Universities. Vacations, 11 weeks. Head Master, vacant.

\* **THORNBURY** (*Gloucestershire*), **THORNBURY GRAMMAR SCHOOL** (*2nd Grade*). Founded 1606, by John Jones. Endowment, 50*l.* per annum, with house. Instruction to 12 boys, 6 Foundationers, in Classics, Mathematics, and English in all its branches. Fees: for day-scholars, 8*l.* per annum. Examinations for foundation boys admitted by the Trustees. Principal, George Nixon, LL.B.

**THORNE** (*Yorkshire*) **GRAMMAR SCHOOL** (*3rd Grade*). Founded 1705, by W. Brooke; reorganised in 1862. Endowment, 175*l.* per annum. Affords sound English education, with Natural Sciences, Latin, and one of the Modern Languages. School fees: 3 guineas per annum for day-boys; boarders, 36*l.* per annum, inclusive. Scholarships, 1 of 10*l.*, and 10 of 3 guineas. Vacations, 10 weeks. Head Master, John J. Constable, B.A., St. John's College, with 1 resident assistant Master.



THORNHILL (*Yorkshire*), GREENWOOD'S GRAMMAR SCHOOL. Founded 1643, by Rev. Charles Greenwood. Annual endowment, 20*l.*, and some small rents. The school is now used as a Public Elementary School.

THORNTON (*Yorkshire*), THORNTON ENDOWED SCHOOL (3*rd Grade*). Founded in the year 1672. Subjects of instruction—English, Land-Surveying, Natural Science, Latin, French, Drawing, and Vocal Music. Applicants for admission must have attained the age of 8 years. Fees: for boys, 3*l.* per annum. The regular holidays are—4 weeks in summer 3 weeks at Christmas. Head Master, T. Waldron, B.A.

THORPE MANDEVILLE, RECTORY SCHOOL, *near BANBURY (Oxfordshire)*. Thorough preparation for all the Public Schools and any special Examinations. French and German are taught. 20 boarders are received from 8 to 15 years of age at moderate terms. Vacations, about 15 weeks. Pupils are received during the vacations. Scholarships have been gained at many of the Public Schools. Principal, the Rev. Algernon G. P. Humfrey, M.A., Lincoln College, Oxford, Classical Exhibitioner of Oakham School, Graduate in Mathematical Honours, Oxford, with 1 resident Master, and visiting Masters.

\* † THORPARCH, *near TADCASTER (Yorkshire)*, THE GRANGE. Established 1855. Instruction for the higher middle classes, and preparation for the University Local Examinations, at which 39 certificates, 7 in honours, had been gained by the pupils up to 1873. A general course of sound instruction imparted at this school to 80 boarders at moderate terms. Principals, Rev. Richard Hiley, M.A., and Rev. Alfred Hiley, M.A., and 5 assistant Masters.

THRESHFIELD (*Yorkshire, W. Riding*). THRESHFIELD GRAMMAR SCHOOL. Founded 1674, by the Rev. Matt. Hewett. Endowment, 30*l.* per annum. This is now an Elementary English School only. Head Master, G. Owtam.

THURLOW, LITTLE (*Suffolk*), FREE GRAMMAR SCHOOL. Founded is divided into 3 terms. Vacations, 12 weeks. Head Master, vacant, and 1614. Endowment, 30*l.* This school is now in abeyance.

THURMASTON (*Leicestershire*), THURMASTON VICARAGE. A few pupils prepared for the Universities, Public Schools, and Competitive Examinations. Terms: 60 to 80 guineas per annum. Principal, the Rev. G. Packer, B.A. (Classical Honours), Oxon, assisted by a Cambridge Graduate and a resident Foreign Master.

† THURSBY (*Cumberland*), ENDOWED SCHOOL. Founded 1740. Endowment, 11*l.* per annum. Instruction in English course, with Mathematics, to about 100 boys, paying on an average 20*s.* each per annum. Head Master, vacant.

TIDESWELL BY SHEFFIELD (*Derbyshire*), TIDESWELL GRAMMAR SCHOOL (3*rd Grade*). Founded by Bishop Pursglove, 1560. Endowment, 300*l.* Instruction in English in all its branches, Mathematics, Latin, French, Natural Science, Drawing, and Vocal Music. This school has lately been placed under a scheme framed by the Endowed Schools Commissioners. Fees: for tuition, 5*l.* per annum; boarding, 30*l.* per annum. Preparation for the Universities, Local Examinations, and Mercantile Life. Head Master, Rev. W. E. Winter, B.A., late Exhibitioner and Prizeman of S. John's College, Cambridge, with assistant Masters.



**TIPPERARY (Ireland), THE GRAMMAR SCHOOL.** Founded by Erasmus Smith, 1660. Endowment, 18 acres of land, 200*l.* per annum, and all fees. Pupils are prepared for the Universities, Army and Civil Service Examinations. The course of education comprises Classics and Mathematics for the University, French, German, Drawing (Freehand and Mathematical). Modern Languages are taught by a Foreign Master. The Dormitories are divided into cubicles. There are 80 boarders, paying 50 guineas, and 25 day-boys, 6 free, the rest paying 10 guineas each per annum. Boys educated at this school have the privilege of competing for the Exhibitions (tenable in Trinity College, Dublin), founded by Erasmus Smith, Esq. Of these Exhibitions there are offered for competition each year—1, tenable for 5 years, value 40*l.* (in case of special merit 50*l.*), with free rooms; 1, tenable for 5 years, value 25*l.*, with free rooms; 5, tenable for 7 years, 6*l.* 10*s.* Vacations, 10 weeks. Head Master, the Rev. W. B. Lindesay, M.A., LL.D., ex-Scholar of Trinity College, Dublin, Moderator in History and English Literature, First Rank Prizeman in Classics, and Royal School First Exhibitioner; with 6 resident assistant Masters.

**TIVERTON (Devonshire), BLUNDELL'S SCHOOL (1st Grade).** Founded in 1599, by Peter Blundell. Endowment, 1,100*l.* By the new scheme, approved of by the Council on Education, on the 12th of August, 1876, constituting it a First Grade Classical School, Greek is not compulsory. Instruction is provided to about 140 boys in Classics, Mathematics, Physical Science, Drawing, Vocal Music, French, German, and usual English subjects. Special preparation for Civil Service, Army, etc. Pupils all on the foundation pay by the new scheme from 12*l.* to 24*l.* each per annum; sons of residents pay only from 8*l.* to 16*l.* Boys admitted at 9 years of age by entrance Examination. The following Scholarships are open to all by Examination: 5 Scholarships at Balliol College, Oxford, of 60*l.* per annum, tenable for 5 years; 3 Exhibitions at Sidney Sussex, Cambridge, of 60*l.* per annum, tenable 3 years; 4 at Oxford or Cambridge, of 30*l.* per annum, tenable for 4 years; 1 of 50*l.* per annum, tenable for 5 years, at Balliol; a Down Exhibition of 21*l.* per annum, for natives of Tiverton. The boarding-house fees are 50*l.* per annum. Vacations, 13 weeks; in April, July, and December. Head Master, A. L. Francis, M.A., Cantab., late Fellow of Jesus College, and 8 assistant Masters.

**TIVERTON, THE TIVERTON MIDDLE SCHOOLS, CASTLE STREET.** Founded 1876, by order of Her Majesty in Council. This department of the Tiverton Middle Schools was opened in 1882 for the purpose of providing a sound and useful education for boys aged from 7 to 16 years. The course of instruction includes Divinity, English, Mathematics, Natural Science, Drawing, and Music. The fees for boarders are 33*l.* to 40*l.* per annum, and day-pupils 4*l.* to 6*l.* per annum. There are 2 Scholarships attached to the school. Head Master, Richard T. Mathews, F.C.S., and assistant Masters.

\* **TOCKWITH (Yorkshire), PROSPECT HOUSE ACADEMY.** The course of instruction embraces the English, Latin, and Greek Languages, with French and German, and Natural Philosophy. Pupils are prepared for the Middle Class Examinations, for the London University, and for the Preliminary Examinations for Lawyers, Doctors, and Chemists. Fees for boarders, 25*l.* per annum and upwards, according to age; day-boarders, 17*l.* per annum each. Principal, J. E. Wood. Vice-Principal, J. E. Wood, jun., B.A., London.

\*\* TONBRIDGE (*Kent*), SIR ANDREW JUDD'S GRAMMAR SCHOOL (*1st Grade*). See PUBLIC SCHOOL SECTION, Part V., page 338.

† TONBRIDGE, STAFFORD HOUSE, late of TONBRIDGE CASTLE. A limited number of students, from the age of 15, are prepared for the Civil Service, General and Competitive Examinations, and Engineering College, Military Colleges (especially Woolwich), the Universities, Business, and General Life, Medical and Legal Professions. Special instruction in French and Drawing. Terms, 120 guineas to 150 guineas according to age and requirement. Principal, I. Plant Fleming, M.A., assisted by resident and non-resident Masters, chiefly University men.

TONBRIDGE. Students are prepared for Sandhurst, Woolwich, or the Militia Competition Examinations. Principal, J. Le Fleming, M.A., with a staff of Tutors.

TONBRIDGE, THE CASTLE. A high-class preparatory school for Eton, Harrow, and the other great schools. Principal, C. Wanton, M.A., and a staff of Tutors.

TOOTING (*Surrey*). See LONDON, S.W. DISTRICT.

TOTTENHAM. See LONDON, N.

TOPCLIFFE (*Yorkshire*), THE GRAMMAR SCHOOL. Founded about 1549. Endowment, 82*l.* per annum. Instruction to 60 boys, in Classics, Mathematics, and English course. Head Master, Anthony Halliday.

\* TORBINGTON (*Devonshire*), MIDDLE SCHOOL. Established 1867. Instruction in English in all its branches, Latin, and French, to 50 boarders, who pay 30 guineas per annum; day-scholars pay 5 guineas each per annum. Pupils are received from 8 to 9 years of age. Half-yearly Examinations. Vacations: Midsummer, 5 weeks; Christmas, 5 weeks. Principal, Samuel Doidge, with 2 resident and 1 non-resident assistant Masters.

\* TORQUAY (*Devonshire*), THE COLLEGE, APSLEY HOUSE. Established 1866. This is a high-class boarding school for boys. Instruction in Classics, Mathematics, English, and Modern Languages. Preparation for the Public Schools, the Army, Navy, Universities, etc. A limited number of boarders and day-boys received. Tuition fees: 20*l.* to 25*l.*; boarders, from 80*l.* per annum. Principal, the Rev. W. Brocklesby Davis, M.A., with 3 resident assistant Masters.

TORQUAY, TORRE COLLEGE. The object of this school is to provide for the sons of gentlemen only, a sound and liberal education at a moderate cost. Preparation for the Universities, Indian Civil Service. Cooper's Hill, Woolwich, Sandhurst, etc. Several open Scholarships have been taken at the Universities, and high places obtained on the lists of the Indian Civil Service, Cooper's Hill, etc. Fees, from 60 to 100 guineas per annum. Principal, N. T. Menneer, with assistant Masters.

\* TORQUAY, THE CASTLE COLLEGE. Established 1869. Instruction in Greek, Latin, French, German, Mathematics, etc., to 50 pupils from 8 years old, of whom 12 are boarders. Annual terms: boarders, from 40 to 50 guineas; day-boys, 10 guineas. Oxford and Cambridge Local Examinations, the South Kensington Science and Art, and the London University Matriculation Examination. Principal, Charles J. Harland, with 3 resident and 2 non-resident Masters.

**TORQUAY, TORWOOD HOUSE.** Four or five pupils of the higher class are received and prepared for the Universities or Public Schools. Terms, inclusive : 150 to 200 guineas. Vacations, same as at the Public Schools. Principal, Aug. Warren Young, M.A.

**TORQUAY, TORQUAY PUBLIC COLLEGE.** This college was opened on the 24th January, 1881, with the object of providing a high-class literary and commercial education, and its organisation embraces senior, junior, and preparatory classes, and the educational appliances of the college include a chemical laboratory for the use of students preparing for professional and other examinations. The organisation of the college is on the basis of the best modern High Schools. The fees for board and tuition are moderate. Principal, T. Viccars, with a staff of assistant Masters.

**TORQUAY, HIGH-CLASS PREPARATORY SCHOOL.** A limited number of boarders prepared for the Public Schools and the Navy. The house is large, and healthily situated in this favourite seaside resort. Entire charge taken of boys from India and the Colonies. Terms: 80 to 100 guineas. Principals, F. H. Molyneux and the Rev. H. J. Molyneux, B.A., Cambridge.

**TOTNES (Devonshire), HELE'S GRAMMAR SCHOOL (2nd Grade).** Founded 1568. Endowment, 57*l.* per annum. Instruction to 26 boys, 3 free and 23 paying 6*l.* 10*s.* per annum, in Classics, Mathematics, and English course. 27 certificates, 12 in honours, had been gained by the pupils at the University Locals up to 1873. Head Master, the Rev. James Powning, B.D.

**TOTTENHAM (Middlesex), BRUCE CASTLE SCHOOL.** This school, which takes its name from the property having originally been in the possession of the father of King Robert Bruce, was founded in 1827, by the late Sir Rowland Hill and his brothers, on what then seemed a strange system, for it abolished corporal punishment, treated boys as reasonable beings, and maintained what is now so universally allowed to be true, that it is better to lead than to drive. Many of the original details have long since disappeared, and the present Head Master has introduced many further improvements to keep pace with the requirements of modern education. The extensive grounds and excellent school buildings have ample accommodation for 100 boys (80 boarders at 90*l.*, 80*l.*, 60*l.*, according to age). Boys are prepared for the Universities, all civil, military, and naval examinations, for professional, and also for ordinary business life, high places have been recently (as well as formerly) obtained by pupils of the school, both in the Universities and at Woolwich. A boy can be prepared for any special examination or profession; but in the ordinary course classics and mathematics come first, being considered of equal importance; every day, however, considerable time is devoted to lessons in Modern Languages and English subjects. Young boys are specially trained for any of the large Public Schools. Head Master, Rev. W. Almack, M.A., St. John's, Cambridge, an Old Marlburian. Bursar, E. Baker, with five resident, besides a large staff of occasional assistant Masters. See also Index to Appendix A.

**TOTTENHAM, WEST GREEN, WELLESLEY HOUSE COLLEGE.** About 50 boarders, from the age of 7 years, are received, to whom a sound

education in English, Theology, Science, French, German, Latin, Writing, Arithmetic, Algebra, Euclid, Book-keeping, Drawing, Mapping, Drill, etc., is offered, and preparation for the Public Schools. There are 3 terms in the year. Vacations, 10 weeks. Fees : 25*l.* to 40*l.* per annum. Principal, J. S. Coombes, assisted by 2 resident and visiting Masters.

† **TOTTENHAM, THE GRAMMAR SCHOOL (2nd Grade).** Founded 1686. Endowment, 160*l.* per annum and house. The school is open to boys between 8 and 17 years of age, provided they pass the entrance examination. Applications for admission are to be made to the Head Master. The school year is divided into 3 nearly equal terms. The school fee, payable each term in advance, is, for boys between 8 and 10 years of age, 6*l.* per annum; between 10 and 12, 7*l.*; over 12, 8*l.* For this fee boys are taught Latin, French, German, English, Mathematics, Drawing, Singing, and Drill. It also includes ordinary Stationery. Greek is charged extra at the rate of 3*l.* per annum. Head Master, J. T. Cohen, B.A., London, and 6 assistant Masters.

**TOTTENHAM, S. JOHN'S MIDDLE CLASS SCHOOL.** Established 1868. Instruction is given in English in all its branches, Latin, Greek, French, and German, and Studies in Physical Science, to 80 and 90 pupils. Fees; for day-pupils, for English course, 4*l.* 4*s.*; and for English and extra branches, 6*l.* 6*s.* per annum. The Head Master has accommodation for a limited number of pupils as boarders. Terms, 36 to 38 guineas per annum. Head Master, William Cameron, Edinburgh University, with 1 resident and 1 visiting Master.

**TOWYN (North Wales), BRYNARVOR SCHOOL.** Boys' boarding school. Preparations for Universities, Local Examinations, the Professions, and Commercial Pursuits. 46 boarders and 20 day-pupils in attendance. 4 Masters in residence. Principal, Edwin Jones, M.C.P.

† **TOWCESTER (Northampton), FREE GRAMMAR SCHOOL.** Founded 1552, by Archdeacon Sponne. Endowment, 60*l.* per annum, with house. This Grammar School is in abeyance, and it will shortly be rebuilt; in the meantime the Foundation Scholars are at the Towcester School. See below.

**TOWCESTER, TOWCESTER SCHOOL.** The object of this school is to impart an education which shall be found useful in after life; the mode of procedure is therefore to lay a good foundation in each branch of study before proceeding to the more showy but less useful accomplishments. The ordinary course of study in the school includes the following subjects:—The Holy Scriptures, the English and Latin Languages, History, Geography, Composition, Reading, Orthography, Penmanship, Arithmetic, Mensuration, Algebra, Euclid, and Book-keeping. The year is divided into 3 terms of 13 weeks each, and the charges are as follows:—For boarders under 12, 24 guineas per annum; under 14, 28 guineas per annum; above 14, 32 guineas per annum. Principal,

**TRENT (Notts), TRENT COLLEGE.** This college offers a liberal education on the public school system in accordance with the principles of the Church of England, and at a moderate cost. Boys are prepared for the Universities, the Legal and Medical professions, or for business. Course of Education: The regular school work comprises Classics,



Mathematics, Divinity, History, Geography, English, and French. Trent College is a centre for the Cambridge Local Examinations. Boys in the Sixth Form are expected to enter for the Oxford and Cambridge Joint Board Examination. Regular instruction in Freehand Drawing, Geometry, and Perspective, and in Vocal Music, is open to all boys. Lectures on Chemistry and other scientific subjects are delivered periodically. Swimming is taught to all the boys; there is a large open-air swimming bath, and a smaller one indoors. The fees are 52*l.* per annum. There is an entrance fee of 3*l.*, except in the case of Shareholders' nominees. Every boy is expected to pay a donation of 1*l.* to the Chapel fund on entrance. The Duke of Devonshire gives a Gold Medal annually to be adjudged by the Cambridge Examinations in July. Head Master, the Rev. J. R. B. Owen, M.A., and several assistant Masters.

TRENT (*Somerset*), THE FREE SCHOOL. Founded 1678, by John Young. Endowment, 118*l.* per annum. Instruction to 15 boys, on foundation, in Latin and English course. Head Master, vacant.

\* TREGONEY (*Cornwall*), HART HOUSE SCHOOL. Founded about 1823. There are 60 boarders and 12 day-scholars. Commercial subjects occupy a prominent place in the school curriculum. Pupils are prepared for the various Examinations instituted for the Professions, as also for the Cambridge Local Examinations and those of the College of Preceptors. Principals, the Rev. J. Thompson and H. J. K. Thompson, B.A., Cambridge, assisted by a staff of resident Masters.

TREVECCA, near TALGARTH (*Breconshire*), WELSH PRESBYTERIAN COLLEGE. Founded 1842. Endowment, 800*l.* per annum, besides subscriptions. Instruction gratuitously in the Classics, German, Welsh, Theology, Mathematics, etc., to 35 young men, between 16 and 25, who are admitted after examination in Classics and Theology, and who do not reside in the College, but receive from it a small sum annually towards their support. Students are also admitted after examination on payment of certain fees. Vacations, 3 months. Examinations by Ministers selected by Committee. Principal, Rev. W. Howells.

TRIMDON GRANGE (*Durham*), TRIMDON HOUSE COLLEGIATE SCHOOL. Established 1861. Pupils are prepared for the Learned and Mercantile Professions, the Public Schools, and Civil Services. Boarders pay from 40 to 50 guineas per annum. Vacations, 11 weeks. Principal, Joseph Lugg, aided by resident English and Foreign assistant Masters.

TRING (*Herts*), PROSPECT HOUSE SCHOOL. Established 1827. Instruction in the English, French, Latin, and Greek Languages, Mensuration, Land-Surveying, Geography, and Astronomy. There are upwards of 100 pupils. Terms, per annum: boarders, 17 to 22 guineas. The vacations are 1 month at Midsummer, and 1 month at Christmas. Principal, W. C. Maull, with 3 resident Masters.

\* TRURO (*Cornwall*), TRURO SCHOOL. Founded 1546. The school is divided into a Classical and Modern side, and a thorough education is given to 80 pupils who intend entering the Army and Navy and Public Schools, as well as those intended for Commercial pursuits. It is conducted by a Head Master, assisted by 8 other Masters. There are 3 terms, and the vacations are about 12 weeks in the year. There are 8



Elliot Scholarships of 15*l.* each, tenable in the school. Dyke Scholarships, 60*l.* per annum, tenable at any College in Oxford, open to the school. The Head Master grants to the school an Exhibition of 30*l.* per annum, tenable for 3 years at any College at Oxford or Cambridge, by scholars of at least 3 years' standing. The school is one of those privileged to send candidates for the Dyke Scholarships. These 4 Scholarships are of the annual value of 60*l.* each, and are tenable for 4 years at St. Mary's Hall, Oxford. There are other Scholarships, Exhibitions, and Prizes. School fees : boys, 15 guineas per annum ; terms for boarders, 65 to 75 guineas per annum. Humphrey Davy, Foote the comedian, Henry Martyn the missionary, and Lord Exmouth were educated at this school. Head Master, Lewis Evans, M.A., Jesus College, Cambridge, and 8 assistant Masters.

TUAM (*Ireland*), DIOCESAN SCHOOL. Founded 1570. Endowment, 120*l.* per annum. There are about 30 pupils, The course of instruction embraces all the ordinary routine of a liberal education. Candidates are prepared for the Examinations for the Army, Navy, and Civil Service. Terms : for boarders, 45*l.* per annum, with extras ; day-scholars, 10*l.* per annum. Vacations : summer, June 21st to August 1st ; winter, December 21st to January 20th. Head Master, Rev. Henry Charles Murphy, LL.D., and 3 resident assistant Masters.

TUDDENHALL (*Suffolk*), COCKERTON'S LATIN SCHOOL. Founded 1723, by John Cockerton. Endowment, 90*l.* per annum, and house. Is merged into the Parochical Elementary School. Head Master, F. Van Hagen.

TUNBRIDGE WELLS (*Kent*), WARBERY HOUSE, BISHOPDOWN PARK. Pupils are carefully prepared for the Eton and other similar entrance Examinations, and for Matriculation, or to compete for Scholarships at the Universities. The course of studies includes the various branches of modern Public School education. A testimonial to character is required with each pupil over 10 years of age at the time of admission. The fees for boys under 14 are 150 guineas ; between 14 and 16, 175 guineas ; and over 16, 200 guineas a year. The year is divided into 3 terms, with the usual vacations. Principal, Rev. T. R. R. Stebbing, M.A., First and Second Classics, some time Fellow and Tutor of Worcester College, Oxford.

TUNBRIDGE WELLS, GROSVENOR HOUSE SCHOOL. Students are carefully prepared for the Examinations for the Army, for the Engineering College, for the Civil Service, and for the Universities. Terms : below 16 years of age, 120 guineas a year ; above 16 years of age, 150 guineas a year. For shorter periods, 20 guineas per calendar month ; non-resident pupils, 75 guineas per annum, or 10 guineas per month. There are 3 vacations in the year. Principal, E. Douglas Archibald, M.A., Oxon, assisted by Graduates of Oxford and Cambridge. See also Index to Appendix B.

TUNBRIDGE WELLS, COLLEGIATE SCHOOL, BEDFORD HOUSE. Established 1845. The course of instruction is as follows : the Greek, Latin, French, and German Languages, the Grammar, Analysis, and Literature of the English Language. The pupils in this department are prepared for the Public Schools, and for Public Examinations. The Commercial department embraces the same course of study as above,

with the exception of Classics. A preparatory department for boys between 5 and 10 years of age. Fees: 40 to 80 guineas per annum for boarders, according to age; and 9 to 15 guineas per annum for day-pupils. Principal, J. Stourton, assisted by Foreign and English Masters.

**TUNBRIDGE WELLS, SELWOOD HOUSE.** A few boys prepared for the Public Schools, Royal Navy, etc. Terms: for pupils from 8 to 15 years of age, 100 guineas per annum. This charge includes board, instruction in the Greek, Latin, English, German, and French Languages; also in Mathematics, Geography, History, etc. Principals, W. Tyler Cove and G. E. Cove.

**TUNBRIDGE WELLS, HURSTLEIGH.** A few pupils, sons of gentlemen only, under 15 years, to whom instruction is given in Religious Knowledge, English, Latin, Greek, French, Mathematics, History, and Geography. Boys can be prepared for the Modern as well as for the Classical side of the Public Schools. The year is divided into 3 terms, and the Eton holidays are followed. The terms are, from 100*l.* to 120*l.* per annum. Principals, Roger Buston, M.A., of Emmanuel College, Cambridge, and the Rev. Headley Willson, M.A., of the same College, assisted by other Masters.

\* † **TUNBRIDGE WELLS, MARLBOROUGH HOUSE SCHOOL.** Instruction in Classics and English Commercial course, and preparation for the University Local Examinations. Principal, W. H. Corke, with several assistant Masters.

\* **TUNSTALL (*Staffordshire*), DR. HULME'S SCHOOL. LATE NEW CHAPEL GRAMMAR SCHOOL.** Founded by Dr. Robert Hulme, in 1809. Endowment, about 150*l.* per annum. There are about 30 pupils, paying 4 guineas per annum, aged 8 to 16. Head Master, M. Knowles, with 1 assistant Master.

**TUNSTALL, near SITTINGBOURNE (*Kent*), GORE COURT SCHOOL.** High class Preparatory School for boys from the ages of 8 to 14, who are prepared for Eton, Winchester, and the other Public Schools, and for the Navy. Terms: 100*l.* a year. Extras, per term: Doctor 10*s.*, Music 2*l.*, Drawing 1*l.* The holidays correspond with those of Winchester College,—viz., 7 weeks in the Summer, 5 weeks at Christmas, and 3 weeks at Easter. Principals, Rev. H. B. Allen, M.A., late Scholar of Winchester College, and of Brasenose College, Oxford, and Mr. A. W. W. Gordon, M.A., of Corpus Christi College, Oxford.

**TURNHAM GREEN.** See CHISWICK.

**TUXFORD (*Nottinghamshire*), TUXFORD GRAMMAR SCHOOL.** Founded 1669, by Charles Read. Endowment, 49*l.* per annum, with house. Charles Read founded the Tuxford and Corby Grammar Schools under exactly similar conditions, leaving to each a moiety of a rent charge upon Folkingham (*Lincolnshire*) Manor. He also founded the now wealthy Grammar School at Drax, in Yorks, the trustees being directed to invest the money in land, which has greatly increased in value. Instruction in Classics, Mathematics, French, and English course, to boys, from 7 years, 5 of whom, being sons of inhabitants of the parish, are free; remainder pay from 3 guineas per annum for day-boys, from 24*l.* to 28*l.* per annum for boarders. All pupils prepared for the Pharmaceutical

Preliminary Examinations have passed successfully. Vacations, 10 weeks. Head Master, John N. Dufly, M.R.C.P., F.G.S., with resident assistant Masters.

**TWICKENHAM, GROSVENOR SCHOOL, HOLLY HOUSE.** In this establishment it is the aim, both in school and out, to cultivate a manly spirit among the boys, to treat them as responsible beings, and to bring their reason to bear, as far as possible, upon all they do; to encourage a thoroughly honest, straightforward feeling between masters and pupils, thus fulfilling in the highest sense the obligations of education. The general scheme of work comprises all subjects necessary to prepare boys for the Public Schools, Civil Service, and other Examinations. The boys are each day practised in English Dictation; French, grammatical and conversational, is taught daily by a French Tutor, Graduate of the University of France, and due attention is paid to English Composition and reading aloud. The French studies are so arranged that every boy has the opportunity, after spending a few years at the school, of being able to read, write, and speak the language. Modern Languages and Mathematics are, when desired, taught in lieu of the usual classical studies. All boys who have any taste for Music are taught the theory of Music, and are trained to part singing. The Principal is assisted by a staff of highly competent Masters, and the instruction aims at being equal to that given at the Public Schools. Terms: for boarders, 70 to 100 guineas per annum. Principals, the Rev. L. M. D'Orsey, M.A., Corpus Christi College, Cambridge, and several assistant Masters.

\* **TYNEMOUTH (*Northumberland*), TYNEMOUTH HOUSE SCHOOL.** In this school, which has been established since 1866, the Ancient and the Modern Languages are taught, along with those other branches which are necessary to constitute a sound and liberal education. There are 2 resident Masters, 1 a German, and several visiting Masters; 10 boarders, and about 70 day-pupils. In June and December each year boys are sent up to the Durham and the Cambridge Middle Class Examinations. Terms: for boarders, from 70 to 90 guineas per annum; day-pupils, from 12 to 24 guineas per annum. Principal, the Rev. T. White.

## U.

**UCKFIELD (*Sussex*), UCKFIELD GRAMMAR SCHOOL (*2nd Grade*).** This school was founded in 1718, by the Rev. Anthony Saunders, D.D. It has lately been re-organized under a scheme drawn up by the Charity Commissioners. The subjects taught are—Mathematics, Latin, French, English, Drawing (Freehand), Music (Vocal), and Drilling (Sword Exercise and Rifle). As extra subjects, Greek, German, Music (Instrumental), and Drawing (other than Freehand). The tuition fees are: for day-boys, from 7*l.* to 10*l.* per annum; for boarders, with a Master (in addition to the tuition fees), 35*l.* per annum; for boarders, in a hostel, 30*l.* per annum; in the Head Master's house, 2*l.* 10*s.* per term is charged for special care and supervision beyond school hours. Scholarships (entitling to education fee) and prizes are given; and also the Head Master's

\* Tynemouth is a well-known watering-place, about 9 miles from Newcastle, and owing to its bracing air, is becoming every year more frequented.

Exhibition to boarders. The scholastic year is divided into 3 terms. The vacations are a fortnight at Easter, 6 weeks at Midsummer, and 4 weeks at Christmas. Head Master, Rev. Ayrton Chaplin, M.A., A.K.C., with 1 non-resident assistant Master.

UDDINGSTON (*Scotland*), CARLTON HOUSE SCHOOL. Institution for the education of boys and young ladies. The course of instruction embraces English, Greek, Latin, French, German, Mathematics, and Physical Science, Natural History, Natural Philosophy, Music, and Drawing, Needle and Fancy-work, Dancing, and Gymnastics. Terms: for boarders, 45 to 60 guineas per annum; for day-pupils, about 7 to 8 guineas per annum. Principal, James Dick.

ULLESTHORPE, *near* RUGBY (*Warwickshire*), MILTON COLLEGE. Established 1871. The students are prepared for Commercial and Professional careers. Instruction in English, Arithmetic, Algebra, Euclid, and Natural Philosophy; and from time to time, according to the progress made, other subjects are added to the course, as Plane Trigonometry, Conic Sections, French, Latin, Greek, and Hebrew. There are 50 to 60 boarders. Terms, from 40*l.* to 60*l.* per annum, and a few day-pupils are received. 2 Scholarships, 30*l.* and 40*l.* respectively, tenable at the college for 3 years. Vacations, 13 weeks. Principal, W. W. Jones, and 6 assistant Masters.

† ULDALE (*Cumberland*), GRAMMAR SCHOOL. Founded 1726, by M. Caldbeck. Endowment, 34*l.* per annum. Instruction to about 30 boys, in English course, with Latin. Head Master, vacant.

\* † ULVERSTONE (*Lancashire*), PROPRIETARY SCHOOL. Established 1843. Instruction in Classics, French, and Mathematics, to about 30 pupils, paying 6*l.* per annum each. University Local Examinations. Principal, A. Shilleto, M.A., late Scholar Trinity College, Cambridge.

\* ULVERSTONE (*Lancashire*), TOWN BANK GRAMMAR SCHOOL. Founded about 1658. Endowment, 75*l.* per annum. Instruction in Classics, French, and general English, to 80 boys, from 8 years old, 6 free, and 6 boarders. Terms: boarders, 32 to 37 guineas; day-pupils, 2*l.* 10*s.* to 5*l.* per annum. Vacations, 9 weeks. Head Master, E. Heath, Trinity College, Dublin, and 4 assistant Masters.

\*\* UPPINGHAM (*Rutlandshire*), UPPINGHAM SCHOOL, OR ARCH-DEACON JOHNSON'S SCHOOL. See PUBLIC SCHOOLS, Part V., page 341.

UPPINGHAM, MIDDLE CLASS SCHOOL. This school is in union with the College of Preceptors. Established 1861. There are about 35 boys, 8 of whom board with the Master, at 25*l.* to 30*l.* per annum. Pupils prepared for Mercantile or Professional pursuits. During the past 11 years, boys from this school have passed creditably at most of the Local Examinations. Vacations, 10 weeks. Principal, A. Grinstead, M.C.P., and 1 resident assistant Master.

\* UTTOXETER (*Staffordshire*), ALLEYNE'S GRAMMAR SCHOOL. Date of its foundation, 1558, by Rev. Thomas Alleyne. Annual value of the endowment, 150*l.* per annum. Nature of education provided: a Classical School, including Mathematics, French, Drawing, Music, and English. 10 free scholars; only sons of parishioners allowed to be elected. Head Master, Thomas Allen, M.A., Trinity College, Cambridge.



\* UP-HOLLAND, *near WIGAN (Lancashire)*, UP-HOLLAND GRAMMAR SCHOOL (*3rd Grade*). Founded in 1668, by Peter Walthew. Endowment, 73*l.* per annum. Instruction to 40 day-scholars (none free), from 7 years old, in Classics, French, Drawing, etc., from 3*l.* to 6*l.* per annum for day-boys, and 32*l.* per annum for boarders. Oxford and Cambridge Local Examinations annually. Vacations, 8 weeks. Head Master, Rev. W. Berridge.

URSWICK, *near ULVERSTON (Lancashire)*, THE GRAMMAR SCHOOL. Founded in the reign of Queen Elizabeth, exact date not known. Endowment, 15*l.* per annum. This is a Grammar School in name only ; it has now become a Public Elementary School. Instruction English, Latin if required. Average attendance, about 160 pupils (none free). Vacations, 6 weeks. Principal, J. Dobson, and 3 assistant Teachers.

\* USK (*Monmouthshire*), USK GRAMMAR SCHOOL (*3rd Grade*). Founded 1621, by Roger Edwards. Endowment, about 100*l.* per annum. Instruction in Classics, Mathematics, etc., to boys between 9 and 16 years old, paying 2*l.* per annum. The founder of the school directed that a yearly sum of 5*l.* should be paid for ever to 1 poor scholar, fit to go to study at the University of Oxford, to help him for his admittance and charges thither. Head Master, Robert Farquhar McKerrow.

† UXBRIDGE, IVER GRAMMAR SCHOOL. Instruction in Classics, Mathematics, Modern Languages, etc., to 35 boys, all boarders. Terms, moderate. Vacations, 10 weeks. Head Master, W. E. Oliver, and 3 assistant Masters.

## W.

\* \*\* WAKEFIELD (*Yorkshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (*1st Grade*). This school was founded A.D. 1592 by a charter of Queen Elizabeth, and in 1854 was removed out of the town to its present position in the suburb of St. John's. It possesses ample endowments, and is unusually rich in Exhibitions of several kinds. This school was re-opened under the new scheme of the Endowed Schools Commissioners in October 1875, for boarders and day-scholars. It is divided into Senior and Junior Departments. Junior Department.—The course of instruction includes English, Vocal Music, and Drawing, and the Rudiments of French, German, and Physical Science. Senior Department.—Subjects taught: English Grammar and Literature, Latin, French, German, Drawing, and Vocal Music. Are also prepared for the Universities, the Indian and other Civil Service or Army Examinations. 46 certificates have been gained by pupils at the University Locals up to 1873, 27 in honours. Governors' Exhibitions: 1 or 2 "Governors' Exhibitions," of the value of 60*l.* per annum for 3 years. Freeston Exhibitions: University College, Oxford, has 2 Exhibitions of the yearly value of 50*l.* Cave Exhibitions: At Clare College, Cambridge, there are 2 Exhibitions of 50*l.* per annum each, tenable for 4 years. Hastings Exhibitions: Queen's College, Oxford, has 15 Exhibitions, value 90*l.* per annum, for 5 years from the date of election, Wakefield being one of 13 schools entitled to send competitors. Fees: in the Senior Department, 14*l.* per annum; in the Junior Department, 8*l.* per annum. The Head Master receives boarders. Fees, per annum:



39*l.*, exclusive of school fees. Head Master, M. H. Peacock, M.A., late Senior Classical Master at Bradford Grammar School, with 6 assistant Masters.

WAKERING GREAT, *near* SOUTHEND-ON-SEA (*Essex*), GREAT WAKERING VICARAGE. The sons of gentlemen are prepared for the Public Schools, the Universities, or the Competitive Examinations. The terms are according to age and requirements. Head Master, the Rev. H. Malin, B.A., S. John's College, Oxford.

\* WALLASEY (*Cheshire*), CLARE MOUNT SCHOOL. Founded 1855. Preparatory to Public Schools, Universities, Professions and Commerce. Greek, Latin, French, German, and English in all its branches. There are 35 boarders, and 10 day-boarders. Has 3 Exhibitions, 1 of 50*l.*, and 2 of 20*l.* each, both tenable during school course. Head Master, the Rev. H. J. Palmer, M.A., Oxon, with assistant Masters.

WALLASEY, FREE GRAMMAR SCHOOL (*2nd Grade*). Founded before 1644, by William Meolse. Endowment, 106*l.* per annum, with house. Head Master, vacant.

\* WALLASEY, LISCARD, WALLASEY GRAMMAR SCHOOL. Founded in the seventeenth century. Endowed (*2nd Grade*). Built to accommodate 120 boys, and the course of education is adapted to prepare for the entrance Examinations of the Professions, for the University Local Examinations, or for Commercial Life, and will embrace the following subjects:—Junior Department: Junior English subjects, Arithmetic, Elementary Science, Drawing, and Vocal Music. Senior Department: Latin, English in all its branches, French or German, Mathematics, Natural Science, Drawing, and Vocal Music. Greek can be learnt by any boy wishing to do so. School fees: Entrance fee, 5*l.*; Junior Department, 5*l.* per annum; Senior Department, 9*l.* per annum. 120 pupils are now in attendance; no boarders. Head Master, Albert J. Mead, B.A., London, and 4 assistant Masters.

WALLINGTON (*Surrey*), WALLINGTON COLLEGE. The course of study comprises Classics, French, German, Mathematics, Arithmetic, the Natural Sciences, Mensuration, Book-keeping, Drawing, etc. Pupils prepared for University, Legal, Medical, and other Examinations. Terms, per annum: boarders, 40 to 50 guineas; day-pupils, from 10 guineas. Principals, the Rev. J. Murdoch, M.A., First Class Honours, Classics and Mathematics, assisted by resident and visiting Masters.

WALLINGTON, THE COLLEGIATE SCHOOL, MANOR ROAD, WALLINGTON, CARSHALTON. Preparation for the Civil Service, the Preliminary Law and Medical Examinations, the Public Schools, and the University Matriculations, also for Professional and Mercantile pursuits. Tuition fees: under 12 years of age, 8*l.* 8*s.* per annum; above 12 years of age, 10*l.* 10*s.* per annum; Preparatory Class, 6*l.* 6*s.* per annum. Boarding fees: 30 guineas per annum. Principal, J. S. Patmer, B.A., London University.

WALLINGTON, FREE GRAMMAR SCHOOL. Founded 1664, by Thomas Stonor. Endowment, 15*l.* 10*s.* Is now a school for Elementary English only.

WALLINGFORD (*Berks*), THE GRAMMAR SCHOOLS (*2nd Grade*). Founded 1659, by Walter Bigg. Endowment, 210*l.* per annum. The subjects of instruction in each school are, English in all its branches, Latin, French or German, Practical and Experimental Science, Drawing, and Vocal Music. Fees : for boys, from 3*l.* 15*s.* to 4*l.* 16*s.* per annum ; for girls, from 3*l.* to 4*l.* 1*s.* per annum ; boarders, 33*l.* per annum. No extras. The school year is divided into 3 terms, averaging about 14 weeks each. Head Master, G. S. Morgan.

WALMLEY (*Warwick*), RUSSELL HOUSE SCHOOL. Principal, Rev. J. O. Bevan, M.A. See CASTLE BROMWICH, page 746.

\* WALSALL (*Staffordshire*), QUEEN MARY'S HIGH SCHOOL (*2nd Grade*). Founded A.D. 1554. The course of instruction is designed for Commercial and Professional life, and also as a preparation for the Universities. There is an Exhibition to Oxford or Cambridge attached to the school, value about 30*l.* a year. The tuition fee is 5*l.* a year ; this covers the whole cost of education. There are 10 Exhibitions tenable at this school, which exempt wholly from the payment of capitation fees. 50 certificates have been gained by pupils at the University Locals up to 1873, 13 in honours. Head Master, James A. Aldis, with 6 assistant Masters.

\* WALSALL, ST. MATTHEW'S COLLEGE, BILORDEN ROAD. The course of instruction comprises a thorough English education, the Classics, Mathematics, Modern Languages, French and German, Natural Science, Drawing, etc. Pupils are prepared for the Matriculation Examination of the London University, Oxford and Cambridge Local and other Examinations. School fees : day-pupils, 8 guineas per annum ; day-boarders, in addition, 8 guineas per annum, with some extras. Head Master, C. Charles Cox, London University, and assistant Masters.

WALSHAM, NORTH (*Norfolk*), THE PASTON GRAMMAR SCHOOL (*2nd Grade*). Founded A.D. 1606. This ancient grammar school, where Lord Nelson, Archbishop Tenison, and other eminent men were educated, has been re-organised by the Endowed Schools Commissioners. There are certain foundation Scholarships attached to the school, which consist in the exemption of the fees for tuition. The Paston Scholarships, value 50*l.* per annum, are tenable for 3 years, and will be awarded annually by competition. The scholastic year is divided into 3 terms. Fees : boarders, exclusive of tuition, 30*l.* ; tuition fees, from 4*l.* to 8*l.* per annum. There is also an entrance fee of 1*l.* The only extra is Greek, for which a fee of 4*l.* per annum is charged. There are 90 boys, 60 boarders and 30 day-scholars. Head Master, the Rev. H. Wimble, M.A., Oxon, with assistant Masters.

\*\* WALTHAMSTOW, (*Essex*), FOREST SCHOOL. Founded 1834. This well-known proprietary school is in union with King's College, London, and affords instruction in Classics, Mathematics, French, and the usual English course, to 150 pupils, nearly all being boarders. Choral Exhibitions of 5 guineas per annum each ; and a Scholarship of 40*l.* per annum, for any boy elected from the school, and open Scholarships of 20*l.* per annum at Oxford or Cambridge, after 3 years' residence in the school. Examiners from Oxford and Cambridge Certificate Board. Vacations, 13 weeks. Terms, 70 to 80 guineas, according to age. Vice-Presidents nominate to the school on the original terms, and sons of

clergy or professional men have a preference. Head Master, the Rev. F. B. Guy, D.D., with 6 resident and 5 non-resident assistant Masters.

**WALTHAMSTOW, MONOX'S SCHOOL.** Founded 1542. Endowment, 46*l.* per annum. Instruction to about 15 boys, in Latin and English course, on payment of 4 guineas per annum each. This school appears to be in abeyance.

**WALSINGHAM LITTLE (Norfolk), GRAMMAR SCHOOL.** Founded 1650, by Richard Bond. Endowment, 176*l.* per annum. Instruction in Classics and English course, to 14 boys, paying 16*s.* per annum each.

**WALWORTH (Surrey).** See LONDON, S.E. DISTRICT.

**WANDSWORTH (Surrey).** See LONDON, S.W. DISTRICT.

\* **WANTAGE (Berkshire), KING ALFRED'S SCHOOL.** Founded 1597. Endowment, 80*l.* per annum. The curriculum includes instruction in Classics, Mathematics, French, and English subjects. The number of boys is 68 ; 31 being boarders, 37 day-boys, 12 of these last being free boys. Vacations, 12 weeks in the year—Easter, Summer, and Christmas. Head Master, H. Cook, and 3 resident assistant Masters.

† **WARE (Hertfordshire), FREE GRAMMAR SCHOOL.** Founded 1633, by Humphrey Spencer. Endowment, 50*l.* per annum. Instruction in Classics (if required), French, and English course, to 10 boys free. Has a right to a Scholarship at Christ's College, Cambridge, "but upon a contingency so remote that it has never happened." Head Master, Rev. C. Lilley, M.A.

**WARE, WARESIDE ENDOWED GRAMMAR SCHOOL.** Founded 1633. The course of instruction includes the usual branches of a sound English education, with Classics, Mathematics, Modern Languages, Music, and Drawing. Terms : for boarders, 30 to 35 guineas per annum ; for day-scholars, 8 guineas per annum each. Vacations, 10 weeks. Head Master, Egbert Norris, B.A.

**WARGRAVE, near HENLEY-ON THAMES (Berks), HILL LANDS.** Private tuition for the Universities, and a special department for Sandhurst and Woolwich. Principals are assisted by resident Graduates in high honours of Oxford and Cambridge, beside other competent tutors for Modern Languages. Terms (exclusive of vacations) : 150 guineas per annum ; for periods of a few weeks, and during vacations, 5 guineas a week. Principal, the Rev. Albert R. Pritchard, M.A., Oxon.

**WAREHAM (Dorsetshire).** See also LULWORTH.

**WAREHAM, ELM HOUSE ACADEMY.** Established about 1834. The course of study embraces Greek, Latin, the Continental and English Languages, Practical Mechanics, Algebra, Geometry, Trigonometry, Astronomy, Commercial and Mental Arithmetic, Music, Drawing, etc. About 30 pupils, half-day scholars. Terms : board and English education, from 20 to 22 guineas ; weekly boarders, 16 guineas ; daily boarders, 12 guineas per annum. Vacations, 10 weeks each year. Principal, T. L. Skewes, with 1 assistant Master.

**WARLEY (Essex), ARNOLD HOUSE SCHOOL.** A limited number of young boys between the ages of 4 and 12 prepared for the Public

Schools. The course of instruction embraces English education in all its branches, with French, Drawing, and Latin. Terms: 30, 40, or 50 guineas per annum, according to age and requirements; day-pupils 6 guineas per annum; day-boarders 12 guineas. Principals, Mr. and Mrs. Brook.

\* WARMINSTER (*Wilts*), LORD WEYMOUTH'S GRAMMAR SCHOOL. Founded A.D. 1704, by Thomas Viscount Weymouth. At this excellent school sound and advanced instruction is given in Classics, Mathematics, English French, German, Drawing, and Music, to pupils from 8 to 18, years of age. The school course prepares for any of the Universities, larger Public Schools, Civil and Military Services, the Professions, Local Examinations, and Mercantile pursuits. Has 1 Scholarship of 25 guineas per annum, tenable at the school, and 2 Exhibitions of 6*l.* or 4*l.* The scholastic year is divided into 3 terms. Vacations, 12 weeks. Since 1874, when the Universities of Oxford and Cambridge conjointly undertook the examination of schools of the highest grade, this school has been examined by Examiners sent direct from Oxford and Cambridge. There is accommodation for 60 boarders. Fees: from 36 to 48 guineas per annum. Head Master, Dr. Charles Alcock, M.A., Graduate of the University of Rostock, Member of the University of London, with a staff of assistant Masters.

WARMINSTER, MISSION HOUSE OF St. BONIFACE. See THEOLOGICAL COLLEGES. Part V., page 368.

WARMINSTER, THE GRANGE SCHOOL, BIRCHAM GRANGE, 5 AND 6, BOREHAM TERRACE. The pupils are prepared for the Universities, Public Schools, the Liberal Professions, the Civil and Indian Services, Mercantile and Agricultural pursuits, and the various departments of practical life. Terms: for day-boys, 8 guineas; for boarders, 40 guineas per annum. Principal, J. N. Broughton, Undergraduate in Honours of London University, with assistant Masters.

WARMINSTER, HIGH STREET ACADEMY. A general education given. Fees for boarders, 32*l.* per annum. Principal, J. Wesley Still.

WARREN, *near* PEMBROKE (*S. Wales*), VICARAGE OF WARREN (Telegraph Station at Pembroke). 5 or 6 pupils prepared for any of the Public Schools. Thorough grounding in Classics, Mathematics, Modern Languages, and English Composition. Terms: 80 to 100 guineas per annum. Principal, the Rev. A. J. M. Green, M.A., of Gonville and Caius College, Cambridge.

\* \* WARRINGTON (*Lancashire*), BOTELER'S GRAMMAR SCHOOL, Founded 1526, by Sir T. Boteler. Endowment, 750*l.* per annum. Instruction in Classics, Mathematics, French, German, and Liberal English course. The option is given in the Upper Division of a Classical or a Modern course. About 120 boys, from 8 to 18 years old, 12 free. Has 2 Exhibitions of 50*l.* per annum, tenable for 4 years. Examinations at Midsummer and Christmas, the former under Oxford and Cambridge Schools Examination Board. Vacations, 12 weeks: 6 at Midsummer, 4 at Christmas, and 2 at Easter. Terms: for tuition, Upper Division, 12*l.*; Lower 9*l.*; board, from 45 to 50 guineas per annum. Head Master, Rev. E. J. Willcocks, M.A., late Scholar St. Catherine's College, Cambridge, and 6 assistant Masters.



† WARTON, CARNFORTH (*Lancashire*), ARCHBISHOP HUTTON'S FREE GRAMMAR SCHOOL. Founded A.D. 1594, by Matthew Hutton, then Bishop of Durham, afterwards Archbishop of York. Reconstituted under a scheme of the Endowed School Commissioners in 1878. Endowment, 56*l.* per annum, and house. A sound and practical education for boys and girls. There are 6 Governors, the Chairman being the Rev. T. H. Pain. Boarders are received. The fees for board and tuition are 24*l.* per annum. The subjects of instruction are Reading, Writing, Arithmetic, Grammar, History and Geography, Mathematics, Latin, Economy (Girls), Drawing. Principal Teacher, A. T. Perfect, Certificated Master 1st Class.

WARWICK (*Warwickshire*), THE KING'S SCHOOL (2nd Grade). Founded 1546, by Henry VIII. Endowment, 800*l.* per annum. The cost of new buildings lately completed amounted to about 12,000*l.*, exclusive of 1,500*l.* for a chapel. Instruction in English, Latin, French, German; in addition, Mathematics, Natural Science, Drawing, Political Economy; extra, Greek. Average number of pupils, 50. 100*l.* is given in Exhibitions, tenable by any boy in the school; 300*l.* in Exhibitions to places of higher education. Examinations at Midsummer, by an Examiner not connected with the school; at Christmas and Easter, by the Masters. Vacations, 12 weeks; 6 weeks in August and September; 4 weeks in December and January, 2 weeks in April. School fees: inhabitants of Warwick, from 7*l.* 10*s.* to 9*l.* per annum; all others, 9*l.* to 12*l.* per annum. Head Master, the Rev. W. Grundy, M.A., Fellow of Worcester College, Oxford, with 5 assistant Masters.

WARWICK (*near*), PILLERTON VICARAGE. A few pupils are prepared with suitable assistance for Sandhurst, the Line, and Woolwich. Pillerton is a healthy country parish, within easy reach of Oxford and Leamington, and about 3 hours from London. Its situation is favourable for work. Students for the Army and Officers of militia are carefully prepared for the necessary examinations. The year is divided into 3 terms, with the usual Christmas, Easter, and Summer vacations. Principal, the Rev. Sydney East, B.A., of St. Peter's College, Cambridge, Vicar of Pillerton.

WATFORD (*Herts*), WATFORD ENDOWED SCHOOLS. Founded in 1874. Endowment from the Free School, Mr. Fuller's gift, and a sum of 13,000*l.* from the funds arising from Richard Platt's Charity, Aldenham. The schools are day schools, and the Governors are empowered to provide for 200 boys and 100 girls. The tuition fees are not to be less than 4*l.* nor more than 8*l.* per annum. The subjects of instruction include Literature, Mathematics, Latin, French, and Natural Science. German and other Modern Languages may also be taught. The girls are also to be taught Domestic Economy, and the laws of health. Fuller's Scholarships are to be established, entitling the holder to free education. The Governors may also establish Exhibitions of 30*l.* a year, tenable at some higher place of education. The school buildings are not yet completed, and neither the Head Master or the Head Mistress have yet been appointed. Clerk to the Governors, H. M. Turner.

\* WATFORD, LONDON ORPHAN ASYLUM. Instituted 1813. Incorporated 1845. Supported by voluntary contributions. Annual expendi-



ture, about 16,000*l*. Instruction given in English, French, Mathematics, Mechanics, Electricity, and Magnetism. Average number of scholars, 350 boys and 200 girls, all maintained, clothed, and educated free, and placed in situations at the age of 15. Pupils are admitted between 7 and 11, by Board of Managers, upon election by votes of Subscribers. Examinations annually by School Examiner; Midsummer, Oxford Local, and Science and Art Department. Vacations, 9 weeks. Head Master, the Rev. H. W. Russell, B.A., London, with 10 assistant Masters. Head Mistress, Miss Kennedy, with several Assistants.

\* WATERLOO, *near LIVERPOOL (Lancashire)*, WATERLOO HIGH SCHOOL, OXFORD ROAD. Established 1859. School is situated by the sea-side. Instruction in general Ancient and Modern Languages, more especially English, Latin, French, and Mathematics; also Drawing, Music, etc. Pupils sent every half-year to Local Examinations, Oxford and Cambridge, no others. Vacations, 10 weeks. Average number of scholars, 100. Terms: for boarders, from 40 to 50 guineas; for day-pupils, from 12 to 16 guineas per annum. Principal, J. Brown, University of London, assisted by 3 resident and several visiting Masters.

WATH JUXTA RIPON (*Yorkshire*), FREE GRAMMAR SCHOOL. Founded and endowed 1684, by Dr. P. Samwaies, Rector of Wath, sometime Fellow of Trinity College, Cambridge. Education in English course and Latin Grammar (if required), free of charge to parishioners. Head Master, Richard Humphries, C.M.

\* WATLINGTON (*Oxfordshire*), HIGH STREET HOUSE SCHOOL. Established 1857. The course embraces a complete English education, with Latin, French, Drawing, and Mathematics. Average number of pupils, about 32. Vacations, 10 weeks; Midsummer, 5 weeks; Christmas, 5 weeks. Half-yearly Examinations. Terms: boarders, from 20 to 24 guineas; day-pupils, from 4 to 6 guineas per annum. Principal, C. T. Tringle, with 2 resident assistant Masters.

WAVERTREE. See LIVERPOOL.

\* WAYNFLETE (*Lincolnshire*), MAGDALENE COLLEGE SCHOOL. Founded by William of Waynflete, A.D. 1459. The subjects of instruction are Latin, French, English, Arithmetic, Elements of Algebra and Geometry, Mensuration, Elements of Natural Science. Pupils may be prepared for the University Local Examinations for juniors. No boy is admitted without examination, nor under 7 or over 14 years of age. Fees for tuition, 4*l*. to 6*l*. per annum. Boarders are received by the Head Master; terms, 33 guineas per annum. Head Master, W. Gerrish, and assistant Masters.

WEAVERHAM, *near NORTHWICH (Cheshire)*, THE GRAMMAR SCHOOL. Endowment, 57*l*. About 50 boys receive instruction in English subjects and Latin. Vacations, 10 weeks. Head Master, George Guffies.

\* WELLINGBOROUGH GRAMMAR SCHOOL (*Northamptonshire*). Deed of endowment dated A.D. 1595. Endowment, about 800*l*. per annum. School removed to new site and buildings A.D. 1880. A "Wellingborough Grammar School" centre for the Cambridge Local Examinations has been established. At a recent examination, in point of numbers passed, the school stood first of all schools in the

diocese in honours and distinctions gained. New school buildings with Head Master's residence attached have been erected, at a cost of 7,000*l.*, by the Governors, on a high and healthy site outside the town, to accommodate upwards of 120 boys. The regular subjects of instruction are Religious Knowledge, English subjects generally, Mathematics (Pure and Applied), Land Surveying, French, German, Latin, the Elements of the Natural Sciences, and Vocal Music. Optional subjects, Greek and Piano. Fees: tuition and stationery fees (to the Governors), 8*l.* per annum; board 33 guineas per annum. Exhibitions: The Governors offer several Exhibitions entirely or partially exempting from school fees, and so far as the funds allow, tenable at the Universities or any higher place of education. Head Master, Henry E. Platt, M.A.. St. John's College, Cambridge, assisted by a full staff of graduate and other assistant Masters.

WELLINGBOROUGH, THE LOWER GRAMMAR SCHOOL, WELLINGBOROUGH (*3rd Grade*). On the same foundation as the above. The subjects taught are elementary and comprise chiefly the English course. The school consists of about 80 day-boys. Fees, 2*l.* 2*s.* per annum. Head Master, W. Winterton.

WELLINGTON (*Somerset*), WEST SOMERSET COUNTY SCHOOL (LIMITED). The object of the school, is to provide a thoroughly sound and comprehensive modern education, such as is given in the best county schools, at a very moderate cost. The course of instruction is as follows: English—Reading, Writing, Dictation, Spelling, Grammar and Analysis, Composition, Geography, and History; Mathematics—Arithmetic, Algebra, Geometry, Trigonometry, Mechanics, Hydrostatics, Land Surveying, and Mensuration; Latin, Greek, French, Science (including Chemistry), Vocal Music, Instrumental Music, Drawing. The boys are specially prepared for the Oxford or Cambridge Local Examinations. The school fees are, boys over 13 years of age, 30 guineas per annum; and under, 30*l.* Day-scholars pay 7*l.* 10*s.* per annum. President, W. A. Sanford, Esq. Head Master, F. W. Raban, M.A., Caius College, Cambridge. Secretary, J. B. Langford, Shutes, Wellington.

WELLINGTON (*Shropshire*), THE OLD HALL SCHOOL. At this excellent school sound instruction is given in Classics, Mathematics, Modern Languages, Chemistry. Pupils preparing for the Universities, Civil Service, Military Colleges, and Law Examinations, receive individual attention. Annual terms: for boarders, from 80 to 200 guineas. Vacations, 12 weeks. Principal, J. E. Cranage, M.A., Ph.D., University of Jena, who is assisted by a staff of resident Masters, Graduates of Universities, and others.

WELLS (*Somerset*), WELLS CATHEDRAL GRAMMAR SCHOOL. Founded by Jocelyn Trotman, Bishop of Bath and Wells, A.D. 1242. Reorganised A.D. 1881. Visitor, the Lord Bishop of Bath and Wells. Governors, the Dean and Chapter of Wells. The subjects taught are Divinity, English, French, Latin, Greek, Mathematics, Ancient and Modern History, Physical and Political Geography, and the Elements of Physical Science. The school year is divided into three terms. Fees for board and tuition are 50 guineas per annum; day-pupils, 10 to 12 guineas per annum. Head Master, G. P. Abram, B.A., late Senior Scholar and Prizeman of Clare College, Cambridge, Graduate in Classical Honours with assistant Masters.

WELLS THEOLOGICAL COLLEGE. See THEOLOGICAL COLLEGES. See Part V., page 372.

WELSHPOOL (*Montgomeryshire*), CHURCH GRAMMAR OR LATIN SCHOOL. Founded before 1770, by Richard Tudor. Endowment, 9*l.* per annum. This school is now in abeyance.

WEM (*Salop*), WEM FREE SCHOOL. Founded 1650, by Sir Thomas Adams. Endowment, 260*l.* per annum. Instruction to 30 boys, of whom 20 are Foundationers, paying 2*l.* 10*s.* to 6 guineas per annum, according to studies, in Classics, French, and English course; is one of the 6 schools (see Bridgenorth) with right of competing for 4 Christ Church College Exhibitions, and for 1 prize of 100*l.* Head Master, Walter Acock, with assistant Masters.

WENDY, *near ROYSTON (Herts)*, WENDY RECTORY. Wendy is situate 11 miles S.W. of Cambridge, on the borders of Herts, and 5 miles distant from Royston on the G.N.R. Pupils to prepare for the Universities, Public Schools, and Professional and Mercantile pursuits. The year is divided into 3 terms. Fees: from 85 to 100 guineas per annum. Principal, the Rev. John Corder, LL.D., F.R.G.S.

WEST LAVINGTON (*Wiltshire*), FREE GRAMMAR SCHOOL. Founded 1544, by Alderman Daunstey. Endowment, 266*l.* per annum. Connected with Mercers' Company, London. School accommodation for 80 boys, who can receive a Classical or Modern education. Head Master, the Rev. A. Baynham, M.A., Oxon, assisted by an under-Master.

WESTGATE-ON-SEA (*Kent*), St. MICHAEL'S SCHOOL (removed from Aldin House, Slough, September, 1883). The course of education at this school is such as to prepare a boy for any of the great Public Schools, and consists of thorough instruction in English, French, Latin, Greek and Elementary Mathematics. There is a Modern Class in which boys intended for the Modern Side of Public Schools, or for the Royal Navy, are prepared, where instruction in Greek is omitted, and a large proportion of time is devoted to Mathematics. Boys are received at 8 years of age; no boy can remain at the school after he is 15. Terms: 130 guineas a year, for boys of 11 years old and upwards, occupying single rooms, or cubicles; 120 guineas a year, for brothers and boys under 11, provided that they share a double room. Necessary extras, by the Schooltime, are Laundress 2*l.* 2*s.*; use of school books and school stationery, 1*l.* 1*s.* Optional extras, by the Schooltime, are Music—Pianoforte, Violin, Organ, each 3*l.* 3*s.*; German, 2*l.* 2*s.*; Drawing, 2*l.* 2*s.*; Dancing (during the two winter terms only), 2*l.* 2*s.*; Drill or Calisthenics 10*s.* 6*d.* Until the new School buildings, with Chapel, Sanatorium, Fives Courts, etc., are completed, arrangements for the temporary accommodation of the school have been made by securing nine adjoining houses with internal communications, making them as it were one house. The holidays coincide with those of Eton, so that boys may join their Eton brothers in London, and return with them as far as London when they come back to school. The Head, Rev. John William Hawtrey, M.A., late Fellow of King's College, Cambridge, for 28 years Assistant Master at Eton College, and for 14 years Head of St. Michael's School, Slough, with Edward M. Hawtrey, B.A., St. John's College, Cambridge, and a large staff of Assistants.

WESTGATE-ON-SEA, RINGSLOW. Boys prepared for the Public Schools and Navy, between the ages of 7 and 14. No boy allowed to remain after the age of 14½. Terms: 100 guineas per annum, with entrance fee of 5 guineas; these terms include board, washing, and instruction in Greek, Latin, French, English, Mathematics, History, Geography and Drilling. For sons of clergy 80 guineas. The only necessary extras are for medical attendance, for church sitting, and the cost of school books. Instrumental music, German, Drawing and Dancing are optional subjects, for each of which a charge of 6s. 6s. per annum is made. There is a workshop where a limited number of boys can be taught carpentry. The charge, which includes the use of necessary tools, is half-a-guinea per term. Boys are admitted at the age of seven. The dormitories are divided into separate cubicles, and there is a sanatorium at some distance from the school. A large gravel playground, with asphalte lawn-tennis court, adjoins the School House, and there is a cricket ground opposite. There is excellent, safe sea-bathing, and all boys can be taught swimming. The year is divided into 3 terms. Vacations, 15 weeks. Principal, W. Thornton Bullock, M.A., late Exhibitioner of Lincoln College, Oxford; Classical Honours in Moderations, assisted by competent Tutors and resident French and German Masters. See also Index to Appendix A.

WEST BUCKLAND. See BUCKLAND, WEST.

WEST DERBY. See LIVERPOOL.

† WEST KIRBY (*Cheshire*), GRANGE GRAMMAR SCHOOL. Founded 1636, by W. Glegg. Endowment, 60*l.* per annum. Instruction in ordinary English course, with Latin, if required. Head Master, John Taylor.

WESTMINSTER (*Middlesex*). See LONDON, S.W. DISTRICT.

WESTMINSTER SCHOOL. See PUBLIC SCHOOLS, Part V., page 345.

WEST LULWORTH. See LULWORTH.

WEST MALVERN. See MALVERN, WEST.

WESTON-SUPER-MARE (*Somerset*), ST. PETER'S SCHOOL. The course of instruction includes Divinity, English, Latin, Greek, Mathematics, French, and Drawing. Boys are prepared for the Universities, Army, Navy, and the Public Schools. The pupils are arranged in small classes, thereby ensuring individual attention; a point of the greatest importance both for the more advanced and backward boys. The school is examined terminally by the Masters, and once a year by University Graduates. Terms: board for boys over 14 years of age, 48 to 54 guineas per annum; tuition for boys over 14 years of age, 24 to 30 guineas per annum. Head Master, Rev. R. Duckworth, M.A., formerly Scholar of St. John's College, Cambridge, and late Mathematical Master of Blundell's School, Tiverton, and assistant Masters.

WESTON-SUPER-MARE, THE COLLEGE. Established 1876. Instruction, both Classical and Commercial; Languages, Ancient and Modern. About 150 boarders, and 25 day-boarders. No free scholars. All the pupils are prepared for the half-yearly Examinations of the College of Preceptors and Trinity College, London, the school being in union with both these Colleges. The College had a greater number of successful



candidates of the College of Preceptors than any other school in the west of England. 5 pupils also obtained certificates for Music, from Trinity College, London, at the last Examination. Vacations, 10 weeks. Terms : for boarders, from 28*l.* to 32*l.* per annum. Principal, E. C. Nunn, with a full complement of assistant Masters.

WESTON-SUPER-MARE, DUNFERMLINE HOUSE, ARUNDELL CRESCENT. The course of instruction at this middle class school is based on the requirements of the Cambridge University Local and College of Preceptors Examinations, and practical Commercial Education, with Latin, French, German, Music, Drawing, and superior Penmanship. There are about 80 pupils. The school year consists of 3 terms of about 13 weeks. The charges per annum are, for boarders, 25 guineas ; daily pupils, 6 guineas. Principal, C. Hunt.

WESTON-SUPER-MARE, BREAN VILLA, 29, MONTPELIER. Boarding and day school for the sons of gentlemen. Practical education, mainly adapted to the requirements of commercial life, together with instruction in Classics and Modern Languages. Fees: full boarders, from 30 to 42 guineas per annum ; day-pupils under 10 years of age, 6 to 9 guineas per annum. Principal, E. Barton.

WESTON-SUPER-MARE, ETONHURST. Preparatory school for the sons of gentlemen. A limited number of pupils are instructed in Latin and French in addition to the ordinary English subjects. Terms: for boarders, 39 guineas per annum ; daily pupils, 12 guineas per annum. Principals, the Misses Viner and Crundall, assisted by efficient Masters.

WESTWARD HO! (*North Devon*) KINGSLEY COLLEGE. Westward Ho! derives its name from the work of Kingsley. This fact led to the conception of the "Kingsley Memorial College." It was opened in the Spring of 1882, with a strong staff of masters and nearly 100 boys, and has already taken high rank as one of our important educational institutions. On the 13th April, 1882, the college, constructed to accommodate 250 boys, was formally opened by the Earl of Portsmouth. After an impressive and imposing ceremony, the noble Earl, accompanied by a party of distinguished visitors, who had assembled for the occasion, inspected and minutely examined the various departments of the College, and all felt fully convinced that they were called upon to inspect the arrangements of a really high-class school. Speeches were delivered by the Noble Earl, Viscount Molesworth, Captain Dumaresq de Carteret-Bisson, the Rev. the Head Master, and others. Westward Ho! is famed as a health resort, and is strongly recommended by eminent physicians on account of its equable climate and invigorating air. The college stands in a fine situation, commanding views of the Bristol Channel, Bideford Bay, the Torridge, etc. It is distinctly a Church of England School, is provided with a beautiful chapel, where short services are held morning and evening, and on Sundays full choral services with sermon. The Head Master is the Chaplain, with the Rev. W. H. Maddock, M.A., ex-Scholar and ex-Fellow of St. John's College, as assistant Chaplain. The dormitories are spacious and are thoroughly ventilated, divided into cubicles, and neatly furnished. Each Form has a separate class-room and study. The dining hall is a spacious room, capable of dining 300 persons, and all the appointments are good. There is an abundant supply of water throughout the college, which has a very fine lavatory and 12 bathrooms. The college



provides for its pupils every desideratum for amusement and healthful recreation. A splendid gymnasium under the care of a first-class military instructor, one of the best salt-water swimming baths in England, lawn tennis and fives courts, cricket, football, golf links, parade drill, library, and reading rooms, etc. The programme of educational work includes the various courses required for the Universities, the Army, Navy, Woolwich, Cooper's Hill, and the different branches of the Public Service. The curriculum embraces the highest Classics and Mathematics, with the usual English subjects, Modern Languages (which command special attention), and Science. Music (piano, organ, violin, all brass and reed instruments and singing), Drawing, and Painting are largely cultivated. Fees: boarders, for boys over 13 years of age, 85 guineas per annum; for boys under 13 years of age, 78 guineas. Day-boys: for tuition only, 20 guineas per annum. These fees are inclusive. Music, Drawing, and Painting are extras. Head Master, Rev. F. Hewson Wall, M.A., LL.D., and a staff of 9 assistant Masters, Graduates in honours; Secretary, Ambrose Berkeley Wall, R.N. A view of the college buildings, and a list of the names of the staff of Masters, with their University distinctions, will be found in this work at page 1006.

WESTWARD HO! (*North Devon*), THE UNITED SERVICES PROPRIETARY COLLEGE. This college was established in 1874, with the primary object of providing sons of officers, who are, or who have been, in Her Majesty's service, with a Public School education at a lower cost than can now be obtained by them elsewhere, and the council and promoters of the school hope to secure for their brother officers similar advantages to those now enjoyed by the clergy at Marlborough, Haileybury, Rossall, and other important Public Schools. The instruction generally follows the Public School curriculum, but it is an especial aim to prepare pupils completely for the multifarious examinations for the Military, Naval, and Civil Services. There is also a senior school for the special education of the more advanced pupils. At present there are 200 boys in the school, nearly all being boarders. The boys are brought up in conformity with the principles of the Church of England, under the College Chaplain, licensed by the Bishop of the Diocese. The terms are at present fixed as follows: For nominated sons of officers, 60 guineas per annum; unnominated sons of officers, 70 guineas; civilians' sons, 75 guineas; nominated day-scholars, 18 guineas; unnominated day-scholars (sons of officers), 21 guineas; unnominated day-scholars (civilians) 24 guineas. The second Master receives into his house boys requiring extra care. House close to college. For terms apply to the second Master. All extras in bill (including books, journey money, weekly allowance, and carpenter's shop) amount to less than 10*l.* per annum on the average. Pupils who cannot leave during the vacations are boarded at the college at a moderate charge. Head Master, Cormell Price, M.A., B.C.L., late Head Master Haileybury College (formerly Scholar and Exhibitioner of Brasenose College, Oxford), and 14 assistant Masters; Chaplain, Rev. G. Willes, M.A.; Secretary, Lieut.-Col. J. E. Burton, late 91st Highlanders.

WESTWARD HO! NASSAU HOUSE. Pupils prepared for the Universities, Army, Navy, and Cooper's Hill Examinations. Westward Ho! being on the north coast of Devon, and receiving the invigorating

Atlantic breezes, is famous for its healthiness, and is therefore admirably adapted for students; it is also free from the temptations incidental to the neighbourhood of London and other large towns, and the well-known golf links afford capital recreation and exercise. It is also strongly recommended by the medical profession for delicate or overgrown boys. Terms: 120*l.* to 150*l.* per annum, or 15*l.* to 20*l.* a month. Principal, Archibald Campbell, M.A., Fourth Wrangler, and late Fellow of St. John's College, Cambridge.

WEXFORD (*Ireland*), TATE'S SCHOOL. Founded 1858. Endowment, 240*l.* The average number of scholars has been 50, 20 being free. Terms: boarders, 52*l.* a year; day-boys, on Commercial side, 5*l.*; on Classical side, 10*l.* a year. Vacations, 10 weeks. The former Head Master is now at the head of the Drogheda Grammar School, and this school has now been made an Intermediate School. Head Master, R. P. Caldwell.

WEXFORD, ST. PETER'S COLLEGE. Founded A.D. 1818. This college occupies one of the finest sites in Ireland, overlooking the town of Wexford, and commanding a grand view of the surrounding country. The buildings are large and commodious. The gymnasium, the ball-courts, and the extensive grounds, afford every opportunity for recreation and outdoor exercise. The general course of studies is adapted to the Intermediate Education Programme, and comprises the various branches of a first-class English, Mercantile, and Classical Education. In order to encourage the acquisition of religious knowledge, Special Scholarships are founded by the Bishop of the diocese. Terms: for boarders, 30 guineas per annum; for day-pupils, 6*l.* per annum. President, Very Rev. M. Kavanagh.

WEYBRIDGE (*Surrey*), THE SCHOOL. At this well-known school the course of education is specially intended to prepare boys for the Public Schools and Military Colleges, and the curriculum of studies comprises Greek, Latin, Mathematics, French, German, and the usual branches of an English education; as also Vocal Music and Drilling. Terms: for board and tuition, 70 to 80 guineas per annum each. The school year is divided into 3 terms. The vacations are 15 weeks during the year. Principal, the Rev. Henry A. Spyers, B.D., of Balliol College, Oxford, who is assisted by an efficient staff of resident Masters.

\* WEYMOUTH (*Dorset*), CLEVELAND HOUSE SCHOOL. Instruction of a Classical or Commercial order is given, so as to render the pupils fit for entering the Competitive Examinations, so highly important in the present day. The year is divided into 3 terms. Vacations, 13 weeks. Terms, per annum: boarders, from 50 to 60 guineas; day-scholars, 18 guineas. Principal, T. A. Yarrow, assisted by efficient Masters, graduates of Oxford and other Universities.

WEYMOUTH, WEYMOUTH COLLEGE. Established 1863. Education in Classics, French, German, Mathematics, Science, etc., to 75 boys, of whom about 50 are boarders, paying 60 to 80 guineas per annum. Pupils are prepared for the Universities, the Public Schools, for the Professions, or Mercantile life. Vacations, 13 weeks in the year. Examiners from the Universities. Has 2 Exhibitions of 50*l.*, tenable 3 years at the

Universities. The object of this school is to impart the highest liberal education, according to the system of the Public Schools, embracing thorough teaching of Holy Scripture. Boys are prepared for the Universities, the Competitive, and other Examinations. The following subjects form part of the regular school course: Divinity, Greek, Latin, Mathematics, French and German, Natural Science, History, Geography, English Language and Literature. Singing and Drawing are also taught to those whose parents desire it. On the Modern side German is substituted for Greek. Head Master, the Rev. C. R. Gilbert, M.A., late Scholar of Christ's College, Cambridge, 19th Wrangler, Second Class in Moral Science Tripos, and Senior Mathematical Master of Derby School, with 8 resident and non-resident Masters.

\* WEYMOUTH, MELCOMBE REGIS SCHOOL. The subjects of instruction are regulated mainly by the requirements of the Universities Local, and for the various Professional and other Examinations. The school course comprises English Language and Literature, Latin, French, Mathematics, and Drawing. Weymouth is a centre for the Cambridge University Local Examinations, and for those of the Science and Art Department. There is an Examination of the whole school by independent Examiners in December. The year is divided into 3 terms, of an average of not less than 13 weeks in each. Fees: for boarders, from 36 to 42 guineas per annum; for tuition alone, from 6 to 9 guineas per annum. Head Master, the Rev. J. Miller, B.A. (Honours in Latin and French), and First B.Sc., London University, with several assistant Masters.

WHALLEY (*Lancashire*), ROYAL GRAMMAR SCHOOL, near BLACKBURN. Founded 1547, by Edward VI. Endowment, 28*l.* per annum and house. Instruction in Classics, French, and Commercial course to 45 boys, 6 of whom are free, 22 are boarders, paying 33 to 36 guineas. Has claims to share with Burnley and Middleton in 13 Scholarships, left by Dean Middleton, but now lapsed. Head Master, vacant.

\* WHITBY (*Yorkshire*), SPRING HILL SCHOOL. Established 1864. Preparation for Universities, Public Schools, Local, and other Examinations. In 1876, 6 out of 8 pupils took honours at the Cambridge Local Examinations; others have taken Scholarships at Westminster and Eton. Vacations, 12 weeks. Average number of scholars, 40, of whom 20 are boarders. Tuition fee, 10 guineas; board, 40 guineas. The year is divided into 3 terms. Instruction in English, French, German, Latin, Greek, Arithmetic, Geometry, Mensuration, Trigonometry, Algebra, Mechanics. Principal, Henry Hallgate, with resident Foreign and English assistant Masters.

WHITCHURCH (*Salop*), FREE GRAMMAR SCHOOL. Founded 1550, by Sir John Talbot. Endowment, 466*l.* per annum. Instruction to 60 boys, boarders, paying 50 guineas per annum; day-boys, 4 guineas per annum each, in Classics, Mathematics, French, and English course. Head Master, the Rev. J. R. Peake, M.A., and 2 assistant Masters.

WHITCHAM (*Cumberland*), THE GRAMMAR SCHOOL. Founded about 1500. Endowment, 15*l.* per annum. Head Master, vacant.

WHITECHAPEL. See LONDON, E. DISTRICT.

\* WHITEHAVEN (*Cumberland*), GHYLL BANK COLLEGE. Boys from 8 years of age and upwards are received. The course of study embraces

the following subjects:—English in all its branches, Latin, French, Euclid, Algebra, Greek, German, Trigonometry, Mensuration, Mechanics, etc. Terms: boarders, from 35 to 40 guineas per annum; day-pupils, from 4 to 8 guineas per annum. Principal, J. Nixon, B.A. (London); Vice-Principal, W. Nixon, B.A. (London), with assistant Masters.

† WHITTINGTON (*Derbyshire*), WHITTINGTON SCHOOL. Founded 1674, by Peter Webster. Endowment, 63*l.* per annum. Is now merely an Elementary English School. Head Master, vacant.

\* WICKWAR (*Gloucestershire*), ENDOWED GRAMMAR SCHOOL, near WOTTON-UNDER-EDGE. Founded 1684. New scheme 1868. Endowment, 230*l.* and house. Thorough preparation either for the Universities and Public Schools, the University Local, and other Preliminary Examinations, or for the Agricultural and Commercial walks of life. The education is Classical, Mathematical, Commercial, and General; Latin, Greek (if required), French, German, Book-keeping, Drawing, Agricultural Chemistry, Vocal Music, Land-Surveying, Arithmetic, etc. Average number of pupils 100, 25 are free. At present there are 30 day-boys, who pay tuition fees; and 48 boarders. Boarders pay same capitation fees as day-boys; viz., Upper School, 25*s.* per quarter; Lower School, 12*s.* 6*d.* per quarter; boarders pay from 22 to 25 guineas per annum. Examinations take place once a year, at Midsummer. Head Master, Lawrence Preston, of the London University, with 5 assistant Masters.

WICKHAM MARKET (*Suffolk*), BELLEVUE HOUSE. A middle-class boarding and day-school for little boys and young ladies. Number of pupils, about 40. Terms: for boarders, with tuition, 18*l.* per annum. Vacations, 7 weeks. Principal, W. Bales.

WIGAN (*Lancashire*), WIGAN GRAMMAR SCHOOL (2*nd* Grade). Founded 1619, by James Leigh. Endowment, 300*l.* Instruction to 180 boys, paying 4 guineas each per annum, in Classics, Modern Languages, and English course. Examiners from the Universities, also from College of Preceptors. New buildings are now in course of erection. Head Master, J. Ohm, M.A.

WIGGLESWORTH (*Yorkshire, West Riding*), LONG PRESTON FREE SCHOOL. Founded 1792, by Laurence Clarke. Endowment, 30*l.* per annum. Is now an Elementary English School only. Head Master, vacant.

\* WIGTON (*Cumberland*), WIGTON GRAMMAR SCHOOL. Established A.D. 1714, by Dr. R. Thomlinson. Endowment, 64*l.* 19*s.*, and house. Instruction is given in Latin, Greek, French, and English, Algebra, Euclid, Natural Philosophy, Chemistry, Mechanics, etc. Pupils prepared for the Middle Class and other Examinations. Average number of pupils 40, 4 foundationers free. Fees: boarders, 30 and 25 guineas; day-pupils, 4 guineas per annum. Vacations, 9 weeks. Head Master, George Bell, with 1 resident assistant Master.

\* WIGTON, WIGTON COLLEGE. Established 1866. The course of instruction is Classical and Commercial, including Mathematics, English in all its branches, Latin, Natural Science, French, German, Greek, Drawing, Piano, Singing, etc. Pupils are regularly entered for the



Oxford or Cambridge and College of Preceptors Local Examinations, and are prepared for Business or the Professions. The school year is divided into 3 terms. Fees : from 30*l.* to 40*l.* per annum. Head Master, John N. Bissell, A.C.P.

\* WILLENHALL (*Staffordshire*), CLASSICAL AND COMMERCIAL SCHOOL, NEW ROAD. Established 1868. The course of education includes general English, Latin, French, German, Drawing, Physical Sciences, etc. There are 30 day-scholars : fees, 4 guineas per annum ; and 2 boarders ; fees, 30 guineas per annum. Vacations, 9 weeks. Head Master, George Holt, F.R.G.S., with 1 resident assistant Master.

WILTON (*Wiltshire*), WILTON SCHOOL. Instruction in general English subjects. Terms : for boarders, from 22*l.* to 24*l.* per annum ; day-pupils, 4 guineas per annum. Principal, J. Eyres.

\* WILMSLOW (*Cheshire*), HAWTHORN HALL. The curriculum embraces all subjects necessary to prepare pupils for the Oxford and Cambridge Local Examinations, for the Learned Professions, and for Mercantile pursuits. Fees : for boarders, from 35 to 40 guineas ; day-pupils, 4 guineas per annum. Vacations, 12 weeks in the year. 46 certificates, 5 in honours, had been gained by the pupils at the University Locals up to 1873. Principals, Dr. Somerville and W. P. Caldwell, M.A., with English and Foreign resident Assistants.

WILFORD (*Nottinghamshire*), THE ENDOWED OR FREE GRAMMAR SCHOOL. Founded A.D. 1732. Endowment, about 400*l.*, subject to some charges for the poor, and for another school in London. The education is chiefly elementary, Latin, French, and Mathematics, with the most advanced pupils. Pupils are admitted at the age of 7 and upwards. Number of pupils about 50. Vacations, 10 weeks. Head Master, George Merchant, C.M., First Class, First Division.

WIMBLEDON (*Surrey*), WIMBLEDON SCHOOL. At this school, in addition to the liberal education of a Public School character, it gives special preparation for the Competitive Examinations for the Army, Navy, and Civil Appointments. Number of boys, 100. The system pursued in this school secures for each pupil that complete individual attention which is so absolutely necessary for the successful preparation for the competitive examinations of the present day. Terms : 120 guineas (under 16 years of age) and 150 guineas each per annum. Principals, Rev. Charles J. Wynne, M.A., of Jesus College, Oxford, and Rev. J. M. Eustace, M.A., Cambridge, assisted by a staff of 13 resident Masters.

WIMBLEDON, EAGLE HOUSE SCHOOL. This school was founded at Hammersmith by Mr. Railton, then conducted for 15 years by Rev. E. Wickham. It was removed to Wimbledon in 1860, by Rev. Dr. Huntingford, who became Head Master in 1848, and resigned it to the present Head Master, in 1874. The school stands in its own grounds, over 7 acres, adjoining Wimbledon Common. Pupils prepared for Winchester, Eton, Harrow, and other Public Schools. The school has its own private Chapel, Gymnasium, Swimming-bath, Fives Court. Number of boys, between 60 and 70. Head Master, Rev. A. N. Malan, M.A., late of Oriel College, Oxford, assisted by resident Graduates of Oxford and Cambridge.

\* WIMBLEDON, BLENHEIM HOUSE SCHOOL. Established 1872. Instruction in English, French, German, Greek, and Latin Languages,



Natural Science, Arithmetic, Algebra, Euclid, Drilling, and Fencing. Pupils are prepared for Professional and Mercantile pursuits, for the Oxford and Cambridge Local Examinations, for the College of Preceptors and other Examinations. Average number of pupils: 40 day-boarders and day-pupils, 15 boarders. Examinations held at Christmas. Vacations, 12 weeks. The year is divided into 3 terms. Terms: for board and education, 40 to 60 guineas per annum; day-pupils, 12 guineas per annum. Principal, William Henry Bedbrook, F.R.G.S., and 2 resident and 4 non-resident Masters.

WIMBORNE (*Dorsetshire*), QUEEN ELIZABETH'S GRAMMAR SCHOOL (*2nd Grade*). Founded 1496. Re-endowed 1563. This ancient grammar school has recently been re-organised by the Endowed Schools Commissioners. It is a high Classical school, with the addition of a Modern side. The sum of 75*l.* is annually expended in Exhibitions, tenable either at the school or the University. Boys are admitted at the age of 8, and remain after the age of 17, with the object of completing their education at one of the Universities, or of being prepared for Woolwich, the Civil Service, etc. The scholastic year is divided into 3 terms of about 13 weeks each. Fees: for boarders in the Head Master's house, 50*l.* per annum; for tuition, 8*l.* per annum. Head Master, E. Fynes-Clinton, M.A., with several assistant Masters.

WINCANTON (*Somersetshire*), PINE HOUSE SCHOOL. Established 1853. The course of instruction is based on the requirements of the University Local Examinations. There are 36 boarders and 28 day-pupils. Average charges, boarders, 24 guineas; day-pupils, 6 guineas per annum. Examinations at end of each term, conducted by the Principal. Three terms of 13 weeks each. Principal, A. G. Perman, and an efficient staff of resident Masters.

WINCHCOMBE (*Gloucestershire*), THE CHANDOS GRAMMAR SCHOOL (*3rd Grade*). Founded 1621. Endowment; 65*l.* and house. This school has recently been re-modelled by the Endowed Schools Commissioners. The curriculum includes English subjects, Latin, French, Natural Science, Drawing, and Vocal Music. There is now accommodation in the new buildings for 70 scholars. Average attendance, 35. By new scheme 12 boys may be free, or partially free, as the Governors think fit. Terms: for day-scholars, 4 guineas yearly; boarders, 30 guineas. Boys are admitted a 7 years of age, by the Head Master. 6 Scholarships shall be competed for by boys who have attended an elementary school in Winchcombe, for 3 years; the other 6 Scholarships to be awarded on the reports of the Examiners on the result of the annual Examination. Examinations occur at Midsummer, by Examiners appointed by the Governors. There will henceforth be about 13 weeks' vacations in the year, leaving 3 terms for school work of about 13 weeks each. Head Master, Thomas C. Webb, M.R.C.P.

WINCHESTER (*Hampshire*), WINCHESTER COLLEGE. See PUBLIC SCHOOLS, Part V., page 348.

\* WINCHESTER, DIOCESAN SCHOOL, WOLVESY PALACE. Founded 1848. Education to 70 boys, 24 of whom are boarders, paying 30 guineas per annum, in Latin, French, Mathematics, and Commercial course. Oxford Local Examinations, at which 40 certificates, 14 in honours, have been gained by pupils up to 1878. Head Master, Edward Sheppard.

\* WINCHESTER MODERN SCHOOL. This school was founded in 1880. The governing body consists of fifteen gentlemen, the Earl of Northbrook being chairman. Pupils are admitted not under 9, and may not, as a rule, remain after 17 years of age. There is an entrance examination. The curriculum of studies includes Religious instruction, the usual English subjects, Latin, Greek (optional), Mathematics, Natural Science, Chemistry, French, German, Drawing, Drilling, and Vocal Music. The scholastic year is divided into three equal terms. The fees are: for tuition, under 13 years of age, 13 guineas a year; above 13, 15 guineas. Boarding charges, 35 guineas a year. Examinations in July, by members of Oxford or Cambridge University. Head Master, Rev. J. L. Ogle, M.A., and 4 resident assistant Masters.

WINCHESTER, TRAFALGAR HOUSE SCHOOL. Instruction in English (Language and Composition), Writing, Arithmetic, and Geography. Terms: for boarders, 30*l.* per annum; the extras are for Classical tuition and Algebra, Mathematics, Navigation, Geometry, Mensuration, and Merchants' Accounts, each 2 guineas. Vacations, 10 weeks. Principal, J. Naish, assisted by resident Masters.

\* WINCHESTER, NORTHGATE CLASSICAL, MATHEMATICAL, AND COMMERCIAL SCHOOL. Established 1863. Instruction in English, Classics, Mathematics, and French, and preparation for the University Local Examinations, to about 60 pupils. Boarders and day-scholars are received. Terms: for boarders, from 30 to 40 guineas per annum. Examinations are held yearly. There are 12 weeks' vacations at Midsummer and Christmas. Principal, W. Mears, London University, and resident assistant Masters.

\* WINDERMERE (*Westmoreland*), WINDERMERE COLLEGE. Education in Classics, Mathematics, French, German, and English, to about 50 boys, between 9 and 18 years old, 5 of whom are day-scholars. The boarders pay 65*l.* to 75*l.* per annum. Centre for the Oxford Local Examinations, at which 142 certificates, 75 in honours, have been gained by pupils up to 1873. Vacations, 12 weeks. Head Master, B. A. Irving, M.A., and 4 assistant Masters.

WINDERMERE, THE GRAMMAR SCHOOL (*2nd Grade*). Founded 1637, and rebuilt 1836. Endowment, 190*l.* Is a Second Grade Endowed School. Number of pupils, 100. Free education to boys living with parents, or those in loss of parents, in the parish; other day-boys, 6*l.*; boarders, limited to 12, 30 guineas and school fees. Age of admission, 8 years. Has 1 Exhibition of 63*l.* per annum to S. John's, Cambridge, tenable for 4 years. Open only to natives of this and neighbouring parish. Examinations annually at Christmas. Vacations: 5 weeks Midsummer; 4 Christmas. Head Master, William V. Yates, and 2 Assistants, both at present non-resident.

WINDLESHAM (*Surrey*), WOODCOTE HOUSE, BAGSHOT. The curriculum at this school embraces all subjects for the preparation of pupils who are intended for the Classical and Modern Departments of the Public Schools. Instruction in Classics, Mathematics, English, and French. Terms: from 100 to 110 guineas per annum. A reduction of 20 guineas on these terms in the case of 2 brothers. Boys are received only between the age of 7 and 12, and none are allowed to remain after the age of 14, except by special permission, and at 120 guineas per annum. The vacations are 14

weeks. Principals, the Rev. Charles B. Fendall, M.A., Jesus College, Cambridge, and Charles S. Jerram, M.A., Trinity College, Oxford, with assistant Masters.

WINCHFIELD (*Hampshire*), HARTFORD HOUSE. This school is preparatory to Marlborough and the other Public Schools. Boys are received from the age of 9 to 13, and may remain until they are 15. The terms are 75*l.* per annum for sons of clergymen, and 85*l.* per annum for sons of laymen. Principal, E. W. M. Lloyd, M.A., late Scholar of S. John's College, Cambridge.

WINDSOR (*Berks*), S. MARK'S SCHOOL. At this excellent preparatory school instruction is given in English subjects, Classics, Mathematics, French, German, Drawing, and Music, to about 180 pupils of the higher classes, who are admitted at the age of 8 to 10. Terms: from 50*l.* to 60*l.* per annum. Entrance fee, 5*l.* Holidays same as at Eton. The boys go and return a day before the Etonians. The Rev. Henry Daman instituted a prize to be given annually. The prizes are tried for annually, at the close of the Lent school-time. Warden, Rev. Stephen Hawtrey, M.A. Sub-Warden, Rev. Charles Daman, M.A., and 15 assistant Masters.

WINDSOR, CLEWER HILL, BELL FARM SCHOOL. Sons of gentlemen prepared for Eton and other Public Schools. Principal, Rev. J. E. Swallow, M.A., Cantab, late Foundation Scholar of Jesus College, third in Second Class, Classical Tripos.

\* WINDSOR, CLEWER HOUSE SCHOOL. Established 1839. The course of study includes instruction in Classics, Mathematics, French, German, English, Singing, Gymnastics, etc., to about 130 boarders. Pupils are prepared for the Oxford and Cambridge Local Examinations, at which 248 certificates, 92 in honours, had been gained by pupils up to 1873. Vacations, Midsummer, 7 weeks; Christmas, 4 weeks; Easter, 2 weeks. Principals, W. R. Harris, J.P.; W. H. Harris, B.A., B.Sc. London University, F.G.S.; and J. O. Harris, M.A., London University, with 6 resident assistant Masters.

WINDSOR, BRUNSWICK HOUSE SCHOOL. Established 1861. Pupils are trained in all the branches of a liberal education, and prepared for either Professional or Commercial pursuits. The year is divided into 3 terms. The vacations are 5 weeks at Christmas, 6 weeks in the summer, and a fortnight at Easter. Terms, per annum: for boarders, 35 to 40 guineas; day-pupils, 10 guineas. Head Master, William Baxter, M.C.P., assisted by efficient Masters.

† WINDSOR, WINKFIELD, RANELAGH SCHOOL. Founded in the reign of Queen Anne. Annual endowment, 300*l.* A plain English education is provided. Vacations, 7 weeks. Head Master, the Rev. H. Archer.

† WINTON, near KIRBY STEPHEN (*Westmoreland*), WINTON GRAMMAR SCHOOL. The education is of an elementary kind. Founded in 1648, by the Rev. W. Morland. Endowment, 17*l.* per annum. Head Master, J. Clark.

WINSLOW (*Bucks*), CLASSICAL AND COMMERCIAL SCHOOL. Instruction in English Literature, Merchants' Accounts, Geometry, Algebra,

Trigonometry, etc., including Latin or French. Terms : from 25 guineas per annum. Latin, Greek, French, German, Drawing, Music, and Dancing are extras. Vacations, at Christmas and Midsummer. Principal, John Grace, assisted by resident Masters.

† WINWICK (*Lancashire*), WINWICK GRAMMAR SCHOOL. Founded in 1600, by Walter Legh. Endowment. 34*l.* per annum, and house. Instruction to 20 boys, in Classics, Modern Languages, Mathematics, and English course. Head Master, M. F. Walker.

WINWICK PRIORY SCHOOL, AND INSTITUTE OF MODERN LANGUAGES, in connection with the Winwick Grammar School, which was founded by Walter Legh, Esq., about 1550, and the house built by Sir Peter Legh, in 1618, A.D. The present patron is W. J. Legh, Esq., M.P. Annual endowment, 29*l.* Instruction in English, Classics, and Modern Languages, French, German, Spanish, or Italian may be studied exclusively. Mathematics, Natural Sciences. Annual terms : boarders, from 40 to 60 guineas ; day-scholars, 4 guineas. In connection with the school, are the Legh and McCorquodale prize funds, value 12*l.* per annum. Half-yearly Examinations. Vacations : Midsummer, 7 weeks ; Christmas, 5 weeks. Principal of the Priory School, F. Walter, with resident and visiting Masters.

† WIRKSWORTH (*Derbyshire*), WIRKSWORTH GRAMMAR SCHOOL. Founded 1579, by Anthony Gall. Endowment, 135*l.* per annum. Instruction in Classics and English course to 57 boys, of whom 20 are on foundation, the rest paying 2 or 4 guineas per annum. Head Master, A. Berridge, M.A.

WISBECH (*Cambridgeshire*), WISBECH GRAMMAR SCHOOL (*1st Grade*). Founded temp. Richard II., 1379, reconstituted in 1878. Endowment, 119*l.* per annum and house. This Public School is specially adapted for preparation for the Universities and learned professions. There are 4 Exhibitions to S. Mary Magdalene College, Cambridge, of the value of 70*l.* each, to be increased to 75*l.* a year, open to all pupils, and tenable for 4 years. Instruction is given in Religious Knowledge, Greek and Latin, English in all its branches, Natural Science, Mathematics, and Astronomy, including a complete Commercial education. Terms : for boarders, from 40 to 50 guineas per annum. Tuition fees, 6, 8, 10, and 16 guineas per annum. Head Master, Rev. W. R. Stanton, B.D. Dublin, and M.A. (ad eundem) Cambridge, and assistant Masters.

\* WISBECH, THE WISBECH BARTON SCHOOL. The course of instruction, in addition to the usual English subjects, embraces Latin, Greek, French, German, Algebra, Euclid, Land-Surveying, Natural Philosophy, Botany, Chemistry, Phonography, etc. Pupils prepared for Middle Class and other Examinations. The school is examined by Oxford and Cambridge men. Terms, per annum : boarders, 30 guineas ; day-pupils, from 6 to 8 guineas. Head Master, J. West Stanton, M.A., Trinity College, Dublin, with 7 assistant Masters.

\* WISBECH, THE PARK SCHOOL, WALSOKEN ROAD AND RUBY STREET. For boarders and day pupils. The course of instruction includes an English and Mathematical education. There are 3 divisions in the year. Vacations, 11 weeks. Terms for daily pupils are at the rate of 4 guineas yearly. There is accommodation for 22 boarders. Terms : from 26 to 28 guineas per annum. Principal, Edward Duff.



WITHAM (*Essex*), CHIPPINGHILL SCHOOL. Established 1857. Instruction in Latin, French, German, and Commercial course to 36 boarders, from 8 years old, at 25 guineas per annum. Vacations, 13 weeks. Principal, Thomas M. Blackie, F.S.A., and 3 assistant Masters.

† WITHAM, WITHAM SCHOOL. Pupils are instructed in a course of English, with or without Latin and Greek. Terms: 18 to 20 guineas per annum each; day-pupils, 8 to 10 guineas. Principal, William Mann, and 1 assistant Master.

\* WITNEY (*Oxon*), THE GRAMMAR SCHOOL. Founded A.D. 1663, by Henry Box, Esq. Patrons, the Grocers' Company, London. Endowment, 63*l.* per annum. The school is divided into Upper and Lower, and is under the personal superintendence of the Head Master. The Lower School is preparatory to the Upper, promotion being made by the Head Master according to individual proficiency. Preparation of pupils for the Oxford and Cambridge Local Examinations and the Public Schools, also for Mercantile pursuits. Examinations are held at the end of every term. Terms: for board and tuition, from 24 to 36 guineas; for tuition alone, from 4½ to 12 guineas per annum. Head Master, John J. Heel, assisted by efficient and qualified resident Masters.

WITTON, *near* NORTHWICH (*Cheshire*), WITTON GRAMMAR SCHOOL (2nd Grade). Founded in 1557, by Sir John Deane. Endowment, 450*l.* The statutes of this school are very curious, and were drawn up by the Founder himself. It is a Second Grade School, and instruction is given in Latin, French, Drawing, Natural Philosophy, and Political Economy, to 55 pupils, none free. Day-boys pay 4*l.* and 8*l.* per annum; boarders, from 45*l.* Vacations, 11 weeks. There are 6 Scholarships giving free and assisted education and tenable for two years. Head Master, Rev. J. F. Rounthwaite, M.A., S. John's College, Cambridge, and 4 non-resident assistant Masters.

WOKING (*Surrey*), WOKING COLLEGE. This school was founded in 1869, to provide, at a moderate cost, a sound education of the highest class, and adapted to the requirements of the age. The school is divided into 2 departments. In the Preparatory School boys are received at the age of 8, and prepared for the Public Schools and Navy. In the Upper School boys are prepared for the Universities, Army Competition, and Professional Examinations, and more than usual time is devoted to Mathematics, French, and English Composition. Boys are also prepared for Mercantile Life, in Bookkeeping and Foreign Correspondence. The school year is divided into 3 terms, of about 13 weeks each. French, German, Drawing, and Music are taught by resident Masters. Terms: under 12, 60 guineas; above 12, 70 guineas; above 15, 80 guineas per annum. Head Master, Rev. C. W. Arnold, M.A., Prizeman and Wrangler of Trinity College, Cambridge, late Head Master Royal Naval School, New Cross, with three resident assistant Masters. See also Index to Appendix A.

WOKINGHAM (*Berks*), "EASTBROOK." A few private pupils received and successfully prepared for Oxford, Cambridge, the Public Schools, Eton, Harrow, Winchester, Westminster, Wellington, Charterhouse, Cheltenham, Merchant Taylors', Woolwich, Sandhurst, etc., and for various Public Examinations. The Course of Studies includes Classics,



Mathematics, English, French, and Drawing. French, German, and Music are taught by visiting Masters. Terms for board and education, 120 to 200 guineas. Holidays commence in the week before Christmas, the week before Easter, and the last week in July. Principal, the Rev. William Sells, M.A., formerly Scholar of Queen's College, Oxford, with the assistance of Tutors.

**WOLSINGHAM** (*Durham*), **WOLSINGHAM GRAMMAR SCHOOL**. Founded 1614, by the Bishop of Durham. Endowment, about 80*l.* per annum, with house. Instruction to free scholars (who are nominated by Trustees) in Classics, and other branches, on payment. 25 to 35 in the school, between 8 and 14 years old. Vacations, about 8 weeks. Examined by Trustees. The Head Master receives a few boarders at 25 guineas per annum each. Head Master, Henry Wade, with assistant Masters.

**WOLSTON**, *near COVENTRY* (*Warwick*), **PRIORY HILL**. The course of instruction includes the ordinary subjects of a thorough English education, together with the Latin, Greek, and French Languages, and is designed as preparatory to larger and Public Schools. The scholastic year is divided into 3 terms. The number is limited to 28 pupils between the age of 7 and 14. Terms: 45 guineas per annum. Principal, A. Hammerton, assisted by resident and non-resident Masters.

\* **WOLVERHAMPTON** (*Staffordshire*), **THE GRAMMAR SCHOOL** (*1st Grade*). Founded 1515, by Sir Stephen Jenyns. Endowment, 1,200*l.* per annum. Preparation for Universities and for Government Competitive Examinations. Instruction in Classics, Mathematics, French and German, and ordinary English course, to 220 scholars, from 9 to 18 years old, paying 10 guineas per annum tuition fees, and 50 guineas per annum for board. Has 3 Scholarships of 60*l.* per annum each, tenable for 3 years at either University. Vacations, 13 weeks. 14 open Scholarships have been gained at the Universities of Oxford and Cambridge within the past few years. 190 certificates have been gained at the University Locals by pupils from this school up to 1873, 113 in honours. Examinations at Midsummer by Public Examiners appointed by the Board of Governors. Principal, Thomas Beach, M.A., with 10 assistant Masters and 2 resident Masters.

\* **WOLVERHAMPTON**, 47, **DARLINGTON STREET**. The course of instruction comprises a thorough English education, the Classics, Mathematics, Modern Languages, and Elementary Science. Pupils are prepared for the Law, Medical, and Civil Service Examinations, and University Local Examinations. Vacations, 11 weeks. Fees: for boarders, 36 to 44 guineas per annum; day-pupils, 8 guineas per annum. Principal, E. Berry, London University.

\* **WOLVERHAMPTON**, **MOWBRAY HOUSE SCHOOL**, **OAK'S TERRACE**. Established 1853. Instruction is given in Classics, Mathematics, Natural Science, French, and English. Preparation for Professional and Higher Commercial life. Pupils in attendance, about 50 in all, admitted from 8 years upwards, half boarders, half day-pupils. Boarders, from 50 to 55 guineas per annum; day-pupils, 10 guineas per annum. 38 pupils from this school have obtained certificates at the University Locals up to 1873, 11 in honours. Examinations at end of July term by school staff, and at end of December by College of Preceptors and Cambridge Local Examinations. Vacations: 2 weeks in April; 7 weeks in August and Sep-

tember; 4 weeks at Christmas. Principal, J. N. Langley, M.A., LL.D., Glasgow, with 2 resident and 1 non-resident assistant Masters.

**WOLVERLEY (Worcestershire) GRAMMAR SCHOOL.** Founded 1620, by William Sebright. This ancient Grammar School was reopened in May 1878 under a new scheme. The chief source of the endowment is an extensive and valuable property, covering about 21 acres in Bethnal Green, held under leases which will run out in from 25 years and upwards. The gross income will thus ultimately be from 15,000*l.* to 20,000*l.* The course of instruction includes all the usual branches of grammar school education. All boys between the ages of 8 and 16 are eligible on passing an Elementary Entrance Examination. Boys are prepared for the Universities, Public Schools, and the Legal, Medical, and other Professions. Pupils have recently taken high honours at London, Edinburgh, and Dublin Universities. The school year is divided into 3 terms, commencing respectively in January, May, and September. Terms: school fee for all boys, 4*l.* 10*s.* per annum; boarders under 12 years of age, 35 guineas; under 15 years of age, 40 guineas. There are no extras. Head Master, John Elliot, B.A., Trinity College, Dublin, assisted by competent Masters.

\* \* **WOODBIDGE (Suffolk), WOODBRIDGE GRAMMAR SCHOOL.** Founded 1562. The annual value of the endowment is large, more than 1,000*l.* The Charity Commissioners have recently issued a new scheme for the management of the Seckford Hospital and Free Grammar School at Woodbridge, henceforth to be one charity. There are 6 Governors. In place of the apprentice premiums heretofore authorised, certain Exhibitions are provided, tenable at places of higher education or professional or technical training. School accommodation is provided for 200 scholars, of whom at least 40 are boarders. The entrance fee is fixed at 10*s.*, and the tuition fees at sums varying in the different departments from 4*l.* to 8*l.* a year; for boarders, 50*l.* or 55*l.* in a Master's house. The ages in the Junior Department are to be from 7, and in the Senior up to 19. There is an Examination before admission. The course of instruction is adapted to the various requirements of the day, comprising all the subjects that may fit a boy for any position in life, such as Classics, Mathematics, Arithmetic, French, German, Natural Science, English Literature, History, and Composition, Geography, Reading, Writing, Drawing, Vocal Music, and Drill. For the purposes of instruction the school is divided into a Senior and a Junior department. The Senior department, or upper school, is sub-divided into a Classical side and a Modern side. On the Classical side the course embraces all the usual branches of a liberal education. On the Modern side Latin is taught, but not Greek, and special prominence is given to English. Modern Languages, Science, and Commercial training. The Junior department, or lower school, is preparatory for either side of the upper school, and in itself provides a complete elementary education for such boys as are obliged to leave school early. The following Exhibitions, tenable for 4 years, are offered for competition: in July 1884, 1 of 45*l.* and 1 of 25*l.* a year. The Exhibitions will gradually increase in value until 1 of 75*l.* and 1 of 50*l.* can be given each year. Examinations take place in July, conducted by the Oxford and Cambridge Schools Examination Board. Head Master, the Rev. James Russell Wood, M.A., LL.D., Trinity College, Cambridge, and several assistant Masters.

\* WOODBRIDGE, KESGRAVE HALL, UPPER AND MIDDLE CLASS SCHOOL. Established 1842. Re-organized 1870. The course of instruction is Mathematical, Classical, and Commercial; German and French, Science and Shorthand, are also taught. There are 60 boarders in attendance, paying 42*l.* per annum each, who are admitted from 9 to 17 years of age. Examinations in December and July, by the Masters, assisted by University men, and at the Cambridge Local Examinations. Vacations, about 11 weeks. Principal, Francis A. Kent, F.R.G.S., M.C.P., with 3 resident and 3 non-resident Masters.

WOODBRIDGE, WHITE HOUSE, CUMBERLAND STREET. This is a preparatory school for boys. Fees: for boarders, under 10 years of age, 18 guineas per annum; older pupils, 21 guineas per annum. Principal, Miss A. M. Fitz-Gerald.

WOODFORD (*Essex*), GROVE HILL HOUSE, CHURCH END. This is a preparatory school for boys. The course of instruction includes the English, Latin, Greek, French, and German Languages, Elementary Drawing and Mapping, Vocal Music, and Drilling. Fees: for morning pupils, 6 guineas per annum; day-pupils, 9 guineas per annum. The school year is divided into 3 terms. Principal, Miss Christie.

\* WOODFORD, FOREST HOUSE SCHOOL. The course embraces a thorough English education, with Mathematics, and French and German, and the Latin and Greek Languages. Preparation for the Public Schools, for the Civil Service and Indian Examinations. Vacations, 13 weeks. Fees: for boarders, 42 to 54 guineas per annum. Principal, G. F. H. Sykes, B.A., Graduate in Honours, University of London.

WOOD GREEN (*Middlesex*). See LONDON, N. DISTRICT.

WOODSTOCK (*Oxfordshire*), WOODSTOCK GRAMMAR SCHOOL. Founded 1585, by Richard Cornwall. Endowment, 80*l.* per annum. Instruction in Classics, Mathematics, English, etc., to 15 boys, who are free (to Latin and Greek only), others pay 4 guineas. Vacations, 11 weeks. Head Master, T. B. Brown, with assistant Masters.

WOOLWICH (*Kent*), WOOLWICH COMMON MILITARY COLLEGE. In this institution, which was founded by the late C. R. Rippin, M.A., candidates are successfully prepared for the Royal Military Academy, Woolwich, the Royal Military College, Sandhurst, the Civil Service of India, the Universities and Home Civil Service, the Royal Indian Engineering College, Cooper's Hill, Surrey. The year is divided into 3 terms. Senior students over 16—resident, 130 guineas per annum; non-resident, 40 guineas per annum. Junior students—resident, 110 guineas per annum; non-resident, 30 guineas per annum. Principal, C. Gore Chambers, M.A., with a large staff of the most efficient Masters.

WOOLWICH COMMON. Resident and non-resident pupils prepared for the Public Schools, and the various Competitive Examinations. Principal, Rev. C. D. Ramsay, assisted by an able staff of Masters.

WOOLWICH, WOOLWICH AND PLUMSTEAD HIGH SCHOOLS ASSOCIATION. THE HIGH SCHOOL FOR BOYS. Incorporated under Act of Parliament. The instruction given is that of a first grade school, and boys are prepared for the Universities, the Professions, and for Business. Boys

as well as girls are admitted up to the age of 6 into the Kindergarten class, which is held at the Girls' School, Burrage Road, Plumstead. A preparatory class has been formed at the Boys' School for those too young to enter the more advanced forms. Subjects of instruction :—English: Reading and Writing; History, Geography, and English Literature; Grammar, and Composition; Book-keeping. Mathematics: Arithmetic, Algebra, Geometry, Trigonometry, etc. Languages: Latin, French, and Greek. Natural Science; Drawing—Geometrical, Model, and Freehand; Singing; Drill. Boys are prepared for the Cambridge Local Examinations, the Matriculation Examinations of the University of London, open Scholarships at Oxford or Cambridge, etc. The year is divided into 3 terms, which are co-terminous with those at the Girls' High School, and consist of about 14 weeks each. Yearly fees: above 10 years of age, 5*l.* 5*s.* to 9*l.* 9*s.*; under 10, 2*l.* 2*s.*; under 8, 1*l.* 15*s.* Entrance fee, 5*s.* to 10*s.* 6*d.* For particulars of the High School for Girls see Vol. II. President, General Sir John M. Adye, G.C.B., R.A., Governor-General of Gibraltar; Vice-President, Major Pattison, of the Burrage Estate, Plumstead; and a Council of 14 members; Secretary, Alfred Bayly (Office), 117, Powis Street, Woolwich. Head Master, George Turner, M.A., late Scholar of St. Catherine's College, Cambridge, with assistant Masters.

\* † WOOTTON-UNDER-EDGE (*Gloucestershire*), GRAMMAR SCHOOL. Founded temp. Richard II. A.D. 1383-5. This ancient and richly-endowed Grammar School offers to boys, between the ages of 8 and 18 years, the elements of a sound Classical, Mathematical, and Religious education. Pupils are also prepared for the Universities or for Professional or Commercial life. There are in connection with the school 16 Foundation Scholarships and an Exhibition of the annual value of 50*l.*, tenable at either of the Universities for a period of 4 years. The second Master receives a few boarders. Inclusive terms: 60 guineas per annum. 20 boys, on foundation, free. Pupils are prepared for the Local Examinations. There are 10 weeks' vacations in the year, at Midsummer and Christmas. Yearly Examinations. Head Master, the Rev. B. R. Perkins, B.C.L., Christ Church, Oxon.

\*\* † \* WORCESTER, CATHEDRAL SCHOOL. Founded 1541, by Henry VIII. Endowment forms part of the Dean and Chapter's revenues. In this institution instruction is given to 12 Choristers and 40 King's Scholars, appointed by the Dean and Chapter, free, and 20 non-foundations, paying 10 guineas each per annum, in Divinity, Classics, Natural Science, Mathematics, and English course, with French, German, and Drawing as extras. Has 4 Scholarships of 40*l.* per annum each, tenable at Magdalen Hall, Oxford. University Local Examinations. The Head Master receives 12 boarders, to be prepared for the Universities, the Public Services, etc. Several of the pupils have gained open Scholarships at the Universities, or passed Woolwich and other Examinations with distinction. Terms, including school fees, 80 guineas a year. The School Inquiry Commissioners thus report :—"The Worcester Cathedral School is in some respects a model of what a grammar school in a large provincial town ought to be. It teaches Classics well, without neglecting Mathematics and Arithmetic. Few schools in England have a school-room comparable to that at Worcester Cathedral. It is the refectory of



the great Benedictine monastery attached to the cathedral, a superb thirteenth century hall, in length about two-thirds of the length of Westminster Hall, and not dissimilar in its general proportions. It is thus large enough to accommodate all the classes, the noise being moderated by the height of the room." The education is based on the Public School system; is Classical and general, and such as to qualify boys for the Universities, for the Public Services, or for Mercantile pursuits. Modern subjects form a regular part of the school work. 34 certificates, 19 in honours, have been gained by the pupils at the University Locals up to 1873. Head Master, the Rev. W. E. Bolland, M.A., assisted by 8 resident Masters.

**WORCESTER, ROYAL FREE GRAMMAR SCHOOL.** Charter granted by Queen Elizabeth in 1561. Pupils are prepared for the Universities, the Army, Legal, Medical, and other Examinations. There are several Exhibitions and Scholarships. Fees for board and tuition are, for Foundationers, 4*l.* 10*s.* a year; non-Foundationers, 10*l.* 10*s.* a year. Head Master, Rev. F. J. Eld, M.A.

† **WORFIELD, ROUGHTON** *near* BRIDGENORTH (*Salop*), **WORFIELD GRAMMAR SCHOOL** (*2nd Grade*). Founded 1613, by T. Beech and T. Bradbourne. Endowment, 325*l.* per annum, less an annual grant to National School. The above school has been remodelled under the Charity Commissioners. The education includes Religious Instruction, Reading, Writing, and Arithmetic, Geography, History, English Grammar, Composition and Literature, Mathematics, Latin, French, Drawing, and Natural Science. The fee is 8*l.* per annum. The school year is divided into terms of about 12 weeks each. Boys are received in the school-house upon the following terms, which are additional to the school fee: boarders, 40*l.* per annum. Head Master, the Rev. T. W. Turner, M.A., Trinity College, Dublin.

† **WORSBOROUGH** (*Yorkshire, West Riding*), **FREE GRAMMAR SCHOOL.** Founded temp. Henry VIII. Endowment, 40*l.* per annum. Is now merely an Elementary English School. Head Master, Charles Haigh.

\* **WORTHING** (*Sussex*) **St. RONAN'S.** Boys prepared for admission into the Public Schools for Entrance Scholarships. The climate of Worthing is very healthy and particularly adapted to young and delicate boys. The house is situated facing the sea. Fees for pupils: boarders, under 13, 80 guineas a year; over 13, 100 guineas a year. Principal, the Rev. Philip Crick, M.A., late Scholar of Pembroke College, Cambridge, formerly assistant Classical Master at Bradfield College and the Oxford Military College, assisted by resident and visiting Masters. See also Index to Appendix A.

\* **WORTHING, THE COLLEGE.** This school has a Classical and Modern side. The general course of instruction includes Divinity, Mathematics, Classics, French, German, Vocal Music, Geometrical Drawing, Chemistry, and Drilling. The terms are from 60 to 75 guineas per annum. A Public Examiner attends once a year to test the progress of the boys in the various subjects taught in the school. Head Master, W. E. Lloyd Trevor, and assistant Masters.

\* **WORTHING, EDMONSTONE HOUSE COLLEGIATE SCHOOL.** The course of instruction comprises the usual branches of a liberal English



education, together with the Classics, Modern Languages, and Mathematics. Pupils are prepared for the Learned or Mercantile Professions, the Public Schools, Civil Service, and the Oxford and Cambridge Local Examinations. Vacations, about 10 weeks. Fees: for boarders, 45*l.* to 60*l.* Principal, Dr. Pierre Harris, with assistant Masters.

**WORTHING, GIDDINAP HOUSE.** Pupils under 15 years of age prepared for Eton, Harrow, Rugby, and the larger schools generally. Instruction in Scripture, English, Latin, Greek, French, Mathematics, Drawing, and Drilling. German, Painting, Swimming, Dancing, and Riding, if required. Terms: boarders, 40 to 60 guineas per annum. Day-pupils, 10 to 15 guineas per annum. Principal, Charles J. P. Mare, St. John's College, Cambridge, assisted by visiting Masters.

**WORTHING, WORTHING HOUSE.** A few pupils received from the age of 8 to 14, and prepared for Winchester and Wellington Colleges, and other Public Schools. The year is divided into 3 terms, the holidays being in April, July, and December. Charges: English, Mathematical and Classical education, French, and board, 85*l.* per annum. Principals, A. R. Wickham, B.A., New College, Oxford, and a resident Tutor.

**WORTHING, ANGLO-FRENCH COMMERCIAL AND COLLEGIATE SCHOOL, STEINE MANSION.** The objects aimed at are, to ensure a sound Classical and Mathematical Education for those who are intended for professional life, and a Grammatical and Conversational knowledge of the modern European Languages, connected with a thorough Commercial Education for those who are intended for general mercantile pursuits. The course of instruction includes the following: Classical—Greek, Latin, French, German, and English; Mathematical—Algebra, Euclid, Geometry, Mensuration, and Land Surveying; Commercial—Letter-Writing, English Composition, Book-keeping, Merchants' Accounts, and Stenography; Scientific and Literary—Natural Philosophy and Biblical Literature; Artistic—Landscape, Perspective, Geometrical, Freehand, and Architectural Drawings, Heads and Figures in Crayon, Mapping, Oils and Water Colours; English—Writing (plain and ornamental), Arithmetic, Grammar and Analysis, Geography, History, Composition, and Elocution; Music—Pianoforte, Harmonium, Violin, etc. Fees: boarders, 30 to 36 guineas per year. Principal, G. Le Masurier Spurgeon, M.C.P.

**WORTHING WEST, FULMER HOUSE, HEENE.** About 6 private pupils are received. The system of private tuition adopted is most advantageous to those who have failed to make satisfactory progress in public schools. Terms: 120 guineas per annum. These terms include a thorough English Education, Mathematics, German and French, Book-keeping, Latin and Greek, etc. The optional expenses are: Music or Singing, 2*l.* 2*s.*; Drawing, 2*l.* 15*s.*; Dancing, 2*l.* 2*s.*; Drilling, 1*l.* 1*s.* per term. Particular attention is paid to Orthography and Correspondence. Principal, William Thackthwaite.

**WORTHING, LAUSAUNE HOUSE, PARK CRESCENT.** A limited number of boys received under 12 years of age, for instruction in the usual branches of education. There is a resident Tutor for Classics and Mathematics. The holidays correspond with those of Harrow and Eton. Terms: 60 guineas per annum. Principal, Miss Michaud.

WORTHING, WESTBURY HOUSE, LIVERPOOL GARDENS. This is a preparatory school for boys. Established 1864. Instruction in general English subjects, Classics, Euclid, French, German, etc., to 20 boarders and 4 day-boarders, admitted at 6 years of age. Fees : for boarders, 40 to 50 guineas per annum. The year is divided into 3 terms. Vacations, 13 weeks. Principal, Miss M. Billing, with 1 resident assistant Master and 1 Governess.

WORTHING, 11 AND 12, PARK CRESCENT, PREPARATORY SCHOOL. Boys under 12 years of age prepared for the Public Schools. Terms, per annum : for boarders under 7 years, 40 guineas ; above that age, 45 guineas. Vacations, 13 weeks. There are 3 terms in the year. Principal, Mrs. Oliver.

WORTHING, RICHMOND HOUSE. A few pupils received to be prepared for the Universities and Competitive Examinations. Fees : pupils preparing for Competitive Examinations, 150 guineas per annum inclusive ; pupils preparing for the Universities, 120 guineas per annum. Modern Languages and other optional subjects extra. There are 3 terms in the year. Principal, J. L. Watson, M.A., Oxon, with competent assistant Masters.

WORTHING WEST, PREPARATORY SCHOOL, 87, MARINE PARADE. The course of education includes Religious Instruction, English, Classics, Mathematics, French, and Class Singing. Boys are prepared for Eton, Charterhouse, Lancing College, and other Public Schools. Fees : 50 to 60 guineas per annum. Principals, the Misses Hoggins and Greatbatch, assisted by resident and visiting Tutors.

\* WORTHING, ARNOLD HOUSE SCHOOL. Instruction is given in the usual branches of English, Mathematics, Classics, Modern Languages, and Science. Number of scholars : from 25 to 30. Terms, 40 to 50 guineas per annum. Pupils prepared for Oxford, Cambridge, Middle Class, and other Competitive Examinations. Vacations, about 13 weeks. Principal, William Grant, A.C.P., F.C.S., with 1 resident and several visiting Masters.

WORTLEY GRAMMAR SCHOOL. Founded 1676. Tuition fees, 4 guineas a-year. Head Master, Benjamin Rowe.

† WRAGBY (*Lincolnshire*), WRAGBY GRAMMAR SCHOOL. Founded 1632, by W. Hansard. Endowment, 30*l.* per annum. Is now divided into an Upper and Lower School. In the Lower department, Elementary English subjects only are taught. In the Upper department the pupils, in addition to ordinary English subjects, are taught Latin, French, Natural Philosophy, Euclid, Mensuration, and Drawing, Freehand and Geometry. Average attendance, 100. Head Master, William Musgrave, Certificated Teacher 1st Class.

† WRAGBY WAKEFIELD (*Yorkshire*), WRAGBY SCHOOL. Foundation, unknown. Endowment, 6*l.* 16*s.*, paid by the Duchy of Lancaster. Instruction in Elementary English only. Head Master, John Moss, Certificated Teacher 1st Division.

† WRAY, near LANCASTER (*Lancashire*), FREE SCHOOL. Dates from 1684, by Richard Pooley, and is endowed with about 52*l.* per annum. 60 scholars, all free, are given merely Elementary education. Head Master, Robert Stephenson.

WREXHAM, GROVE PARK SCHOOL. Established 1823. Pupils are prepared for the Universities, the Public Schools, and for Professional or Commercial life. 80 pupils, 35 boarders. Terms: boarders, 46 to 60 guineas per annum; day-pupils, 12 to 20 guineas per annum. University Local Examinations and College of Preceptors. Vacations, 13 weeks. Principal, W. J. Russell, B.A., University of London, 1st class Honours.

\* † WREXHAM, HOLT ACADEMY, *near WREXHAM*. Preparation for University Local Examinations, etc., to boarders at 26 to 32 guineas, and others at 10 to 12 guineas per annum. Vacations, 9 weeks. 49 certificates, 12 in honours, had been gained by the pupils up to 1873, at the Oxford and Cambridge Local Examinations. Principal, Oliver Jones, with resident and non-resident Masters.

WYCOMBE, ROYAL GRAMMAR SCHOOL (*2nd Grade*). Founded in 1562. Full particulars of this school will be given in the next edition of this work. Head Master, G. J. Peachell, M.A.

WYCOMBE, HIGH (*Buckinghamshire*). See HIGH WYCOMBE.

† WYE (*Kent*), WYE COLLEGE GRAMMAR SCHOOL (*2nd Grade*). Founded 1447, by John Kempe. Endowment, 16*l.* per annum and house rent and tax free. The object of the School is to prepare boys for commercial life more especially, and for entrance to the Public Schools. Subjects of Instruction: Religious Knowledge, Reading, Writing, Dictation, and Arithmetic; Geography and History; English Grammar, Composition, and Literature; Mathematics; Latin and French; Natural Science; Drawing and Music. The scholars are examined at Christmas by an Examiner appointed by the Governors, when prizes are awarded. Holidays: 5 weeks at Midsummer and Christmas; 1 week at Easter and Michaelmas; Wednesdays and Saturdays are half-holidays. Terms: for boarders (boys under 12), 28*l.* to 32*l.* per annum; day-pupils 4 to 5 guineas per annum. Head Master, J. Holmes.

WYE, KEMP HALL SCHOOL. Established 1840. The course of instruction is Commercial, with Latin, French, Music, Drawing (all styles), Dancing, Drilling, etc. Number of pupils in attendance, 70, all boarders. Terms: 30 to 36 guineas per annum. Admitted from 8 years of age. Prizes according to merit are awarded. Examinations at Midsummer and Christmas, by Local Examiners. Vacations, 10 weeks in a year. Head Master, Alfred Cummins, assisted by 4 resident Masters.

\* † WYMONDHAM (*Norfolk*), WYMONDHAM GRAMMAR SCHOOL. Founded 1550, by Edward VI.; re-constituted under a new scheme in 1877. Endowment, 253*l.* per annum. Instruction to 46 boys, paying 6*l.* per annum each, in Classics and English course; boarding fees, in addition, 33*l.* per annum. Has 4 Scholarships of 5*l.* per annum each, tenable at either University till B.A. degree. Head Master, Rev. J. Gridale, B.A., and resident assistant Masters.

WYMONDHAM, OAKHAM (*Leicestershire*), SIR J. SEDLEY'S SCHOOL (*2nd Grade*). Founded 1637, by Sir J. Sedley, reconstituted 1877. Endowment, 300*l.* New buildings have just been erected, on a splendid site of 6½ acres, and there is accommodation on the cubicle

system for 25 boarders and 50 day-scholars. Instruction is given in English, Mathematics, Scientific subjects, Latin, French, German, Composition and Literature, Drawing and Music. Tuition fee, for day-scholars, 6*l.* per annum; boarding fee, 33*l.* per annum additional. Pupils admitted at the age of 8 years, by the Head Master. 22 certificates have been gained by pupils from this school up to 1873, 5 in honours. There are 10 per cent. Foundation scholars, by election of Governors, and approval of Head Master. Examinations annually, by special Examiner selected by Governors, with approval of Head Master. Vacations, 12 weeks, 6 in August and September, 5 at Christmas, and 1 at Easter. Head Master, E. T. Glasspool, M.A., London University, with 2 resident assistant Masters.

## Y.

YARM (*Yorkshire*), YARM GRAMMAR SCHOOL. Founded 1588. Endowment, 35*l.* per annum. Instruction to 50 boys, 8 of whom are free, in elementary English, and the others pay according to age, from 2*l.* to 4*l.* 4*s.* per annum each, for Classics, French, Mathematics, and English course. The Head Master can receive 20 boarders in his house. Head Master, James Burton, B.A., T.C.D., and 1 assistant Master.

\* YARMOUTH (*Norfolk*), YARMOUTH GRAMMAR AND COMMERCIAL SCHOOL. Founded 1551; revived 1863. Endowment, about 300*l.* Instruction, in Grammar School, in Classics, Mathematics, French, German, and English course; and in Commercial School, in French, German, Mathematics, etc., to 160 boys (none free), paying, if Yarmouth boys, 6*l.*; if Gorleston or Southtown boys, 8*l.*; and others, 10*l.* per annum, Yearly Examinations by Oxford and Cambridge Graduates. Vacations, 13 weeks. 61 certificates have been gained by pupils at the University Locals up to 1873, 25 in honours. Head Master, the Rev. J. J. Raven, D.D., and 10 assistant Masters.

YARMOUTH, GREAT, 40, CAMPERDOWN PLACE. The course of instruction to boys under the age of 12 years includes thorough grounding in English, Rudimentary Latin, French, Music, Drawing, and Class Singing. The school year is divided into 3 terms. Principal, Mrs. James Preston.

\* YARMOUTH, GREAT, THE COLLEGE. Established 1863. Instruction in Classics, Mathematics, Modern Languages, and a Commercial course. Preparation for the Universities, and the Oxford and Cambridge Locals. Several students have matriculated at London University in the first division, and others have passed the Medical, Law, Civil Service, and Naval Examinations. Boarders pay from 35 to 45 guineas, and day-scholars from 8 to 12 guineas yearly. Examinations by University Graduates. Vacations, 12 weeks. Principal, Daniel Tomkins, with 5 resident assistant Masters.

YARMOUTH, GREAT, WINCHESTER HOUSE SCHOOL, REGENT ROAD. The course of education is adapted for Professional and Commercial pursuits. The boarders limited to 8. Terms: boarders, 30 guineas per annum; day-pupils, 4 to 6 guineas per annum. Instruction in the following subjects:—Arithmetic, Euclid, and Algebra, Latin, French, and Drawing. Principal, Arthur Bishop.



**YATELEY** (*Hants*), **YATELEY GRANGE**. 8 pupils prepared for the Army or University Examinations. The Grange stands in  $4\frac{1}{2}$  acres of well-wooded land, close to the pine forest. Terms : 200 guineas per annum. Principal, S. G. Kirchhoffer, M.A., Cantab., Second Class Classical Tripos, assisted by a High Wrangler, and by a Professor of French.

**YATTON** (*East Somerset*), **WOODBURY**. Boys prepared for the Public Schools. Special attention given to the French and German Languages, and the Sciences, in rotation. 14 pupils (not more than 8 boarders received). Terms : 50 guineas per annum ; pupils under 10 years in proportion. Vacations, 10 weeks. Principal, Dr. A. N. Martin, M.A.

**YEALAND CONYERS** (*Lancashire*), *near* **CARNFORTH**, **COLLEGIATE SCHOOL**. In union with the Royal College of Preceptors. The course of instruction comprises English, Mathematics, Classics, Modern Languages, Natural Science, Music, and Drawing. Terms : boarders, 30 to 36 guineas per annum. Head Master, Walter Blanchard, A.C.P.

\* † **YEOVIL** (*Somerset*), **YEOVIL GRAMMAR SCHOOL**. Founded about 1560. Endowment, 60*l.* per annum. Instruction in Classics, Mathematics, and English and Modern Languages. Pupils are prepared for the Local Examinations. Head Master, Henry Monk, with resident and non-resident Masters.

**YEOVIL, KINGSTON SCHOOL**. Established 1849. This school is in union with the College of Preceptors. The course of instruction comprises Classics, French, and English. Average number of scholars, 80. Vacations, 13 weeks. Principal, J. C. Arlidge, with 3 assistant Masters.

**YELDHAM** (*Essex*), **THE GRAMMAR SCHOOL**. Founded in 1692. Endowment of 50*l.* per annum, with house to accommodate 20 boarders. The course of study comprises Latin, Greek, Mathematics, French, German, Natural Sciences, and English. Terms : boarders, from 30 guineas ; and day-pupils, 5*l.* per annum. Vacations, 8 weeks. Principal, C. Applegate.

**YOUGHAL** (*Ireland*), **THE ENDOWED SCHOOL**. Founded 1610. Endowment, 40*l.* The course of study comprises Classics, Mathematics, French, and English. Average number of scholars, 15. Terms : day-pupils, 6 and 8 guineas per annum ; boarders, 40 guineas per annum. Head Master, vacant.

**YOREBRIDGE** (*Yorkshire*), **YOREBRIDGE GRAMMAR SCHOOL**. Founded 1603, by Anthony Bisson, as a Free Grammar School. Endowment, 160*l.*, and a house. The course of instruction comprises Classics, Mathematics, and English. Number of scholars, 77, nearly all farmers' sons, 70 of whom are free. Vacations, about 10 weeks. Head Master, vacant.

**YORK** (*Yorkshire*), **FRIENDS' BOYS' SCHOOL**, 20, **BOOTHAM**. Established 1829. Instruction in Classics, French, German, Physics, Chemistry, etc., to 60 boarders, at 50 to 60 guineas (no extras) per annum, according to age ; and a few day-scholars at 24 guineas per annum. Vacations, 11 weeks. Superintendent, John F. Fryer, B.A., resident Head Master, and 5 assistant Masters.



\* **YORK, ARCHBISHOP HOLGATE'S SCHOOL, LORD MAYOR'S WALK.** The course of education comprises the Greek, Latin, and French Languages, Arithmetic, Mathematics, and English. Every pupil in the school, day-boy as well as boarder, is required to pay a fee of 6*l.* a year for education; and just sufficient to cover the expenses of the boarding establishment. The charge for board, including washing and medical attendance, is at present fixed at 22*l.* per annum. Head Master, A. W. Welch, M.A., Trinity Hall, Cambridge, with 11 assistant Masters.

\* **YORK, S. MARTIN'S SCHOOL, CONEY STREET.** Boys are admitted at the age of 8 years, and are prepared for the Cambridge Local and other Examinations, the Professions, the Public Schools; and Mercantile pursuits. The course of education comprises English, Latin, and Greek Languages, Mathematics, History, Drawing, and Natural Philosophy. The number of pupils is limited to 65. The tuition fees are from 30 to 36 guineas per annum, and the boarding fees are from 52*l.* to 58*l.* per annum. The Head Master receives 20 boarders into his house. Head Master, the Rev. M. R. Breshier, M.A., Mathematical Honours, S. John's College, Cambridge, late Vice-Principal of the York Training College, with 3 resident and 4 visiting Masters.

† **YORK, SPENSER HOUSE, LATE CLEMENTINE HOUSE.** Established 1848. Boys under 14 years of age prepared for the Public Schools, Professions, or Business. The pupils are grounded in English, Latin, Greek, and Mathematics. Masters attend for French, Drawing, and Music. Annual terms: under 12, 35 guineas; above 12, 40 guineas; day-boys, 10 guineas. Principal, James C. McClellan, with assistant Masters.

† **YORK, S. CRUX, HAUGHTON'S SCHOOL.** Founded 1770, by W. Haughton. Endowment, 180*l.* per annum. Instruction in English course, with Mathematics, to about 40 boys. Head Master, George Sanderson.

**YORK, TRINITY HOUSE.** Established 1868. The course of education comprises Greek, Latin, Mathematics, Natural Philosophy, English, and Arithmetic. Terms: boys under 12 years of age, 50 to 60 guineas per annum, with a few extras. Boys are prepared for Scholarships at the large Public Schools. Principal, the Rev. J. Metcalfe, M.A., Graduate in Honours, Cambridge, late Mathematical Master at Victoria College, Jersey, and Rector of Holy Trinity, York, with 7 assistant Masters.

\* **YORK, CÆSAREAN HOUSE SCHOOL, 14, BOOTHAM.** Established 1863. Classical and Commercial School. Preparation for the University Local Examinations and Public Schools. There are 15 boarders; terms, 35 to 40 guineas: 35 day-pupils, paying 6, 8, and 10 guineas each per annum. Principal, J. Ichet, with assistant Masters.

**YORK, S. DENNIS RECTORY.** A limited number of boarders prepared for the Universities, Public Schools, Professions, or Business, also for the Line. Terms for special preparation, 100*l.* per annum. Principal, the Rev. G. H. Hewison, B.A., Cambridge.

**YORK, HOLGATE SEMINARY.** Established 1844. Instruction in Classics, French, German, Mathematics, and Commercial course, to 155 boys, 50 of whom are boarders, paying from 27 guineas per annum. Examinations by College of Preceptors. Principals, Robert Mosley, M.C.P., and George Mosley, with 10 assistant Masters.

**\*\* \* YORK, S. PETER'S GRAMMAR SCHOOL.** Founded in the reign of Philip and Mary, 1557. Endowment, 1,300*l*. The course of education comprises English, Latin, Greek, French, and German Languages, Mathematics, and Natural Science. Number of scholars, 150. Boarders' terms, 52 guineas; and day-pupils' terms, 13 and 11 guineas each per annum. Scholarships: 2 foundation scholars and 2 free scholars are elected annually. The foundation scholars receive free board and education, and the free scholars free education for 4 years. Exhibitions: 1 Exhibitioner is elected annually in July, and is at liberty to proceed to any College of the Universities of Oxford, Cambridge, or Durham. The Lady E. Hasting's Exhibitions: These Exhibitions are appropriated to certain schools in the North of England. 3 or 4 of these Exhibitions are filled up in each year. The value of each Exhibition is 90*l*. per annum, and all are tenable for 5 years. 8 of the school Scholarships give free board and education. 8 free education only. Head Master, the Rev. H. M. Stephenson, M.A., late Fellow of Christ's College, Cambridge, with 9 assistant Masters.

**\* YORK, ELMFIELD COLLEGE.** Established 1864. The object of this institution is to afford efficient instruction in the various branches of learning comprised in a liberal and useful education, combining the advantages of careful physical, mental, and religious training. The system of education is designed to prepare pupils for Commercial Pursuits, the Learned Professions or the Universities, with instruction in Classics, Mathematics, Modern Languages, and Science. Special attention to Chemistry. There is a large laboratory, with ample accommodation for practical work. Annual terms, for board and tuition, 22 to 32 guineas per annum. Scholarships and Medals are awarded. 1 Exhibition of 25*l*., and other smaller ones. London Matriculation and Cambridge Local Examinations. Holidays, 12 weeks. Governor and Chaplain, the Rev. R. Smith. Head Master, Thomas Gough, B.Sc., F.C.S., with 6 resident and 3 non-resident assistant Masters.

**YSTRAD MEURIG (*Cardigan*).** This school, founded in 1757, is united to that of Lledrod. It is now undergoing re-organisation by the Charity Commissioners. See LLEDROD.

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### NOTE.

Schools not yet classified will be found in the Addenda, arranged in topographical order, and the names of the Head Masters will likewise appear in the General Index (No. 2) in strictly alphabetical order, with the place of residence given in nearly every instance.

## ELEMENTARY EDUCATION.

### STATISTICS FOR 1882.

In the report of the Committee of Council on Education for 1881-82, the statistics for the various schools are given up to 31st August, 1882. During the year ending on that date the inspectors visited 18,289 day schools in England and Wales, to which annual grants were made, containing 26,779 departments under separate teachers, and furnishing accommodation for 4,538,320 scholars. There were on the registers of these schools the names of 4,189,612 children, of whom 1,314,609 were under 7 years of age, 2,670,480 between 7 and 13, 158,956 between 13 and 14, and 45,567 above 14. Of these scholars, 3,542,742 were present on the day of the inspector's visit to their respective schools, and 3,015,151 were on an average in daily attendance throughout the year; 2,943,114 having made the requisite number of attendances were qualified to bring grants to their schools, 690,660 (being under 7 years of age) without individual examination, and 2,252,454 (above 7) on passing a satisfactory examination in reading, writing and arithmetic; 661,056 were actually presented for collective, and 2,119,374 for individual examination, and while of these last 1,378,175 passed the prescribed test without failure in any one of the 3 subjects, 89·22 (88·99) scholars out of every 100 examined passed in reading, 81·92 (80·78) in writing, and 77·27 (75·69) in arithmetic. The night schools examined during the year were 1,015 in number: 33,135 scholars above 12 years of age were, on an average, in attendance each night; 34,492 scholars were qualified for examination by having made the required number of attendances during the night school session. Of these 25,370 were actually examined, and out of every 100 scholars so examined, 89·68 passed in reading, 69·07 in writing, and 49·27 in arithmetic. The 18,289 elementary day schools in England and Wales, inspected in 1882, provided accommodation in 26,779 departments for 4,538,320 scholars, and 35,444 certificated teachers were employed in their instruction. The average daily attendance in these schools amounted to only 3,015,151. The accommodation in the great proportion of these schools is much in excess of the number of children attending them. With the present population there might be 5,265,075 (1 in 5) on the registers, and 4,387,562 (1 in 6) in average daily attendance, the returns show only 4,189,612 children on the registers, and

3,015,151 in attendance. In other words, for every 100 children of school age, for whom some 86 school seats have been provided, there are only 79 scholars on the registers, and 57 in daily attendance. The sum expended by School Boards in England during the year under review amounted to 3,946,317*l.*, as compared with 3,591,266 in the previous year; and in Wales to 269,456*l.*, as compared with 230,572. The expenditure may be divided into 6 headings, viz., (1) Administration; (2) maintenance of schools; (3) capital charges for works of a permanent character; (4) repayment of loans contracted for capital charges; (5) interest on loans; (6) miscellaneous. It appears that in England 8·6 per cent., and in Wales 8·4 per cent. of the current expenditure, including the cost of enforcing attendance at school, is incurred in carrying out the provisions of the Education Acts; 20·4 per cent. in England, 18·4 per cent. in Wales, in providing school accommodation; and 70·8 per cent. in England, 72·4 per cent. in Wales, in instructing the children.

A circular has been issued from the Bureau of Education at Washington, showing the comparative statistics of elementary education in fifty principal countries of the world. The subjoined list refers to those countries which have one million pupils or over, in the order of pupils in school:—

| Countries. |                   |     | Population. | Pupils.   |
|------------|-------------------|-----|-------------|-----------|
| 1.         | United States     | ... | 50,152,866  | 9,424,086 |
| 2.         | France            | ... | 36,905,788  | 4,716,935 |
| 3.         | Prussia           | ... | 25,742,404  | 4,007,776 |
| 4.         | England and Wales | ... | 25,165,336  | 3,710,883 |
| 5.         | Japan             | ... | 34,245,323  | 2,162,962 |
| 6.         | Austria           | ... | 21,752,000  | 2,134,683 |
| 7.         | Italy             | ... | 20,801,000  | 1,931,617 |
| 8.         | Hungary           | ... | 15,666,000  | 1,559,636 |
| 9.         | Spain             | ... | 16,507,000  | 1,410,000 |
| 10.        | Russia            | ... | 78,500,000  | 1,213,325 |
| 11.        | Ireland           | ... | 5,411,416   | 1,031,995 |

It will be seen that America and Ireland have the largest ratio of pupils to population—about 1 to 5, while Russia shows the smallest ratio—about 1 to 65.



ROMAN CATHOLIC  
SCHOOLS

AND

COLLEGES.





# ROMAN CATHOLIC SCHOOLS

AND

## COLLEGES.

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### REFERENCE NOTE.

These Schools and Colleges are in the same topographical order of arrangement as the Protestant Schools.

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AMPLEFORTH (*Yorkshire*), S. LAWRENCE COLLEGE. This lay college was erected in 1861. Contains accommodation for 200 students, and is furnished with every modern educational improvement. It affords a sound education to 110 Catholic youths, who are admitted at 10 years of age, intended either for the learned Professions or for Mercantile pursuits. The full course of studies comprises the Latin and Greek Classics, the Modern Languages, German, French, Spanish, and Italian, Mathematics, History, Geography, Chemistry, and the various departments of Modern Science, Drawing, and Music, etc. Special attention is also given to the study of English in all its branches. In addition to this course of studies, candidates are prepared for the public Examinations of the Universities, the Civil Service, etc. The students are divided into 3 schools—the Preparatory School, the Middle School, and the High School. Terms: entrance fee, 1 guinea; Pension, Preparatory School, 40 guineas; Middle School, 50 guineas; High School, 60 guineas. The Midsummer vacation commences about the middle of July, and lasts till the end of August. The Prior, the Very Rev. J. P. Whittle, O.S.B., assisted by 20 resident and 2 non-resident Masters.

APPLETON, *near* WIDNES (*Lancashire*), CATHOLIC ACADEMY, Established 1830. The course of education is Commercial, including the special study of English and French. Terms: 30*l.* under 12 years of age; 35*l.* above 12 and under 14; extra charge for tea in the evening, 2*l.* No pupils received above 15 years of age. Average number, 30. Principals, R. Bradshaw and Son.

ARMAGH (*Ireland*), S. PATRICK'S COLLEGE. This establishment was founded in 1838, and is conducted by the Vincentian Fathers. The course of education comprises Latin, Greek, English, French, Mathematics, History, Geography, etc. This college is affiliated to the Catholic University. President, the Very Rev. Patrick Boyle, C.M.

ATHLONE (*Ireland*), COLLEGE OF THE IMMACULATE CONCEPTION, SUMMER HILL. Rector, the Rev. T. Gillooly, D.D. Bursar, the Rev. J. White. Prefect of Studies, the Rev. P. O'Connor. Resident Professors, the Rev. J. Gately; the Rev. P. M'Gauran; the Rev. J. Kelly; the Rev. G. Coyle. Professor of Mathematics, Physics, and Civil Service Classes, J. B. Burke, Esq., A.B. Professor of Music, W. R. Lamb.

AUGUSTUS. See FORT AUGUSTUS.

BARNET (*Herts*), S. PANCAR'S SCHOOL. This is a school for the middle classes, and the usual course of instruction is pursued. Terms: for boarders, 20*l.* per annum, and S. Peter's School, chiefly for ecclesiastical students, terms 30*l.* to 45*l.* Principal, the Rev. Geo. Bampfield, B.A., Oxon.

BATH (*Somerset*), COLLEGES OF SS. PETER AND PAUL, PRIOR PARK. These colleges are intended to meet the requirements of little boys. President, the Very Rev. Monsignor Canon Williams, D.D.

BATH, DOWNSIDE, *near* BATH. See DOWNSIDE.

BLACKROCK, DUBLIN (*Ireland*), FRENCH COLLEGE OF THE IMMACULATE HEART OF MARY. This college was established in 1860. There are at present 275 boarders and 45 day-scholars in attendance. The boys are mostly Irish and English; there are but a few foreigners among them. The course of instruction comprises a full Classical course, a Modern or Commercial course, and a Preparatory course. In a special department, open in grounds adjoining the college, boys are prepared for the Army, the Indian Civil Service, and other Public Competitive Examinations, as well as for the University. The pension in that department is 72 guineas per annum. At the competitive Examination held by the Intermediate Education Board since the Intermediate Act has come into operation, the students of this college have obtained double the number of Prizes and Exhibitions of any other school. Terms: 2 guineas entrance fee, and 40 to 46 guineas per annum. Six Entrance and 4 College Scholarships of the value of 20*l.* each, and tenable at the French College, are annually offered for competition. Head Master, Rev. Peter Huvétys, with 28 resident and 12 non-resident Masters.

BLAIRS (*Aberdeen*), S. MARY'S ROMAN CATHOLIC COLLEGE. President, the Rev. Peter Joseph Grant. Professors, Rev. Jas. Augustine Smith; Rev. Daniel Donnelly; Rev. Alex. Bissett. Procurator, the Rev. Andrew Fleming.

BRENTWOOD (*Essex*), S. JOSEPH'S ACADEMY, ONGAR ROAD, *near* BRENTWOOD. The design of the Principal is to impart a sound Commercial education. The Principal is a trained certificated teacher. Terms: for education and board 20*l.* per annum. This school is now closed.

BREWOD (*Staffordshire*), THE POPLARS. A preparatory school for boys. The usual course of instruction pursued, and a limited number of pupils received from the age of 6 to 12. Terms: 30 to 35 guineas per annum. Principal, Miss Telford.

BOURNEMOUTH (*Hants*), S. ALOYSIUS, WEST CLIFF. Pupils prepared for the Catholic Schools, Civil Service, and Professions, or finish their

education if desired. Terms : from 60 guineas per annum. The year is divided into 3 terms. Frederic H. Remington, B.A., late Scholar of Magdalen College, Cambridge, with resident Masters. See Index to Appendix A.

BULLINGHAM (*Hereford*), BOARDING SCHOOL FOR BOYS. This school is under the care of the Sisters of Charity of S. Vincent de Paul. Terms, from 14*l.* to 18*l.* per annum. Principal, the Sister Superior.

CAHIR, ROCKWELL COLLEGE (*co. Tipperary*). This college stands on the centre of the picturesque Rockwell Demesne, within 3 miles of Cashel and 5 of Cahir. The course of instruction embraces the Greek and Latin Classics ; the English, French, German, and Italian Languages ; Mathematics, and the Sciences, Music, Drawing, etc. Professors of experience preside over the Mercantile and Civil Service Departments. The junior pupils form quite a distinct category from the senior students. The students of Rockwell College have been very successful at the Intermediate Examinations of the last 3 years. Terms: 30 guineas, including stationery and books, excepting the Intermediate Text-books. A reduction is made in favour of brothers and of ecclesiastical students. President, the Very Rev. Prosper Gœpfert.

CARLOW (*Ireland*), CARLOW COLLEGE (formerly called S. Patrick's College). Founded 1793. The first Catholic College opened after relaxation of penal laws, and in the number of its Graduates and Undergraduates stands third amongst the Catholic Colleges, ranking after Stoneyhurst and Ushaw. No endowment. About 190 Scholars between 6 and 28 years, trained, some for the Roman Catholic priesthood, and some for lay life ; the latter are, however, kept entirely apart from the former. The languages taught are Hebrew, Greek, Latin, French, Italian, German, and occasionally Spanish. Lay scholars pay from 30 guineas to 50*l.* per annum. Vacations : 6 weeks at Midsummer, and 1 at Christmas. Examiners from London University, with which this College is in union. President, the Very Rev. E. W. Burke, D.D. Vice-President, the Rev. M. J. Murphy. Dean, the Rev. James V. Coyle, and 13 assistant Masters.

\* CATTERICK (*Yorkshire*), ACADEMY OF S. PAULINUS. The object of this establishment is to prepare youths either for a Professional or Commercial life. The course of instruction embraces all the branches necessary for a thorough preparation for business. Besides the usual English branches, the course comprises Mathematics, Natural Philosophy, and the Greek, Latin, French, and German Languages, Music, Drawing, etc. 145 certificates have been gained by pupils at the University Local and other Public Examinations since 1865. Terms, for board and tuition, 24 to 26 guineas per annum. Principal, Thomas Skellon, assisted by a staff of resident Masters.

CASTLEKNOCK (*County Dublin*), S. VINCENT'S COLLEGE. At this excellent college there are 150 boarders ; no day-pupils admitted. It is beautifully and healthfully situated near Phoenix Park—over the valley of the Liffey. Buildings cost 20,000*l.* The course of education for lay pupils comprises all that is required for passing the Examinations for the learned professions, and for fully preparing the pupils for Mercantile

life. The ecclesiastical department embraces the usual course of studies. Terms : for the collegiate year, 35*l*. Entrance fee, 2*l*. The collegiate year opens early in September and closes towards the middle of July, the exact dates varying according to the time which the Intermediate Education Board may fix for its Examinations. During the summer vacation no pupil remains in the college. Christmas holidays commence about December 23rd and end about January 9th. President, the Rev. M. O'Callaghan, C.M.

CHEADLE (*Staffordshire*), S. WILFRID'S COLLEGE, S. WILFRID'S, COTTON HALL. Established 1873. The object of this establishment is to give a suitable education to those who are intended for Mercantile pursuits, or for any of the Professions. The course comprises Reading, Writing, Arithmetic, Book-keeping, Grammar, History, and Geography, also Latin and Greek. There are 112 pupils, all boarders. The pension is 30*l*. per annum for boys under 15, and 35*l*. per annum beyond that age, besides some extras. The Midsummer vacations are from the 1st of July to the 16th of August. A charge of 4*l*. is made for those who remain at school during that time. President, the Very Rev. Canon J. H. Souter. Vice-President, Rev. George Bunce. Prefect, Rev. Walter Ireland, with 10 assistant Masters.

CHESTERFIELD (*Derbyshire*), MOUNT S. MARY'S COLLEGE. Established 1842. Annual value of the endowment, 200 acres of land. The nature of education provided embraces every branch of a Classical and liberal education to meet the wants of candidates for Matriculation at the Universities, and for the Civil and Military Services, Greek, Latin, French, and Chemistry. Average number of scholars, 140 to 150, none free ; no day-scholars. Boys under 12, 35*l*. and extras ; above 12, 40*l*. and extras. Scholars are admitted from 7 to 14 years of age ordinarily ; boys above this age not unfrequently admitted. Scholars are admitted by the Rector. Examinations take place 4 times a year, towards the end of each quarter. Vacations : from 6 to 7 weeks at Midsummer ; 10 days at Christmas ; 1 week at Easter. Rector, the Very Rev. John Clayton, S.J., with 16 resident and 2 non-resident Masters.

CLANE (*Ireland*), CLONGOWES WOOD COLLEGE. The system of education embraces the full course required for entrance into the Universities, for the learned Professions, or Mercantile pursuits. French, German, and Italian Languages are taught. President and Prefect of Studies, the Rev. Thomas Keating. Vice-President, the Rev. Patrick Hughes. Bursar, the Rev. James Redmond.

CLONDALKIN, COLLEGIATE SEMINARY, MOUNT ST. JOSEPH. Under the patronage of His Eminence Cardinal M'Cabe, Lord Archbishop of Dublin and Primate of Ireland. This school is in a very healthy situation and most suitable for young boys, of which class the majority of the pupils is composed. The school course comprises an English, Commercial, Classical, and Mathematical education, together with French, Natural Philosophy, Chemistry, Drawing, and Music. Those who were of an age to compete in the Examinations held under the Intermediate Education Act have obtained prizes and passes. Six weeks vacation, commencing about the 1st July. Day-pupils are not received. Terms very moderate. Provincial, the Very Rev. C. L. Nevin, O.D.C.



**CORK, CHRISTIAN SCHOOLS.** Founded A.D. 1811. These schools are situated in Our Lady's Mount, Sullivan's Quay, and Blarney Street. The pupils, numbering 2,200 (varying in age from 6 to 17), receive a Religious, Literary, and Scientific Education. In the recent Intermediate Examinations, 1882, the following results were obtained by the pupils of these schools. Junior grade: 3 boys obtained Exhibitions; 1 boy a medal; 20 boys prizes; 53 boys passes. Middle grade: 1 boy obtained a prize; 11 boys passes. Senior grade: 7 boys obtained passes. Principal, the Rev. the President.

**COTTON.** See CHEADLE.

**COVENTRY (Warwickshire), PRIMROSE HILL HOUSE.** A preparatory school for boys. A usual course of instruction pursued, and only a limited number of pupils received, from the ages of 7 to 11. Terms: 40*l.* per annum. Principal, Miss Richmond.

**CROYDON (Surrey), S. GEORGE'S COLLEGE.** Founded 1869. Curriculum of study—Classics, Modern Languages, Commercial Subjects. Preparation for Matriculation, the Civil Service, and the Military and Naval Schools. Special care and attention are given to the teaching of modern languages—French, German, Spanish, Italian, Portuguese, and Dutch. A preparatory class is annexed to the college. Conducted by the Josephites, and under the patronage of the Right Rev. the Bishop of Southwark. In August 1871 the late Prince Imperial visited this college, in which his intimate companions, the sons of the Baron de Corvisart, were then being educated, and he presided at the distribution of prizes. President, Rev. O. L. Powels, with assistant Masters—native and foreign.

**DUBLIN, ST. GALL'S CATHOLIC UNIVERSITY SCHOOL, 83, STEPHEN'S GREEN.** This school is intended to promote Intermediate and University Education, and to enable Catholic youths to compete on equal terms with their Protestant fellow-countrymen, trained in richly-endowed institutions. His Grace the Archbishop has deemed it desirable to establish a first-class day school. Pupils are prepared for the Entrance and Honour Examinations of the Royal University, for the Intermediate, Civil Service, Legal, and Medical Examinations, and also for admission into an Ecclesiastical Seminary. The course of studies will also be so directed as to include special training for Commercial Life. Pension: for students over 14 years of age, payable in advance, in 3 terms, viz., Christmas, Easter, and Midsummer, 12*l.* 12*s.*; for pupils under 14 years of age, 10*l.* 10*s.* The academical year begins about the 1st of September and ends about the 20th of July. Head Master, the Rev. John C. Egan, and a staff of Professors.

**DUBLIN (Ireland), HOLY CROSS COLLEGE, DIOCESAN SEMINARY.** Under the patronage of His Grace the Archbishop. About 75 boarders are educated at this college. Pension, 30*l.* per annum. Extra charges: entrance fee, 1*l.*; Medical Attendance, Books, and Stationery. President, Very Rev. B. Fitzpatrick; Vice-President, Rev. M. Walshe. Dean, Rev. W. Murphy, D.D., and 9 Professors.

**DUNDALK ST. MARY'S COLLEGE.** Conducted by the Marist Fathers. Under the patronage of His Grace the Lord Primate. The situation of

the college is healthful and attractive. It commands a fine view of the Bay of Dundalk. The Religious and Moral training of the pupils is carefully looked after, whilst special attention is paid to health, deportment, etc. Students are prepared for the Intermediate Examinations, also for the Royal University, Civil Service, Medical Entrance, and other Public Examinations. Equal care is bestowed upon those who are intended for Commercial pursuits, or who, on account of age, or for other reasons, do not compete under the Irish Intermediate Education Act. President, Rev. Patrick Grew, S.M.

**DOWNSIDE**, *near BATH*, COLLEGE OF ST. GREGORY THE GREAT. This college was established at Douai, in 1605, by the monks of the English Benedictine Congregation. Driven from France by the Revolution of 1793, the Fathers and their school were indebted to the generous hospitality of Sir Edward Smythe for a home at Acton Burnell, near Shrewsbury, where they remained till their removal to Downside in 1814. It was affiliated to the University of London in 1841, and consists of over 100 pupils. The system of education traditionally pursued at St. Gregory's is thoroughly English. Many inconveniences are obviated by the exclusion of boys of foreign birth. The ordinary course of studies is framed with a view to preparing students for the London University Examinations. The cultivation of the various sciences is encouraged in every way, and facilitated by the use of chemical and philosophical laboratories, an extensive natural history museum, science clubs, and special prizes. Ample provision is also made for the study of Music, Drawing, Painting, etc. The age for admission is from 9 to 14, but no boy will be received who is not already grounded in Reading, Writing, and Spelling. The pension is: For all under 12 years, 60 guineas per annum; above 12 years, 70 guineas; admitted above 14 years, 80 guineas; in Matriculation Class, 80 guineas; in Undergraduate Class, 100 guineas; for Private Room, 8 guineas. Entrance fee in all cases 3 guineas. The following are the names of a few distinguished men who were educated at this school:—Earl of Kenmare, Lord Chamberlain; Most Rev. Roger Bede Vaughan, Archbishop of Sydney, N.S.W.; Right Rev. W. B. Ullathorne, Bishop of Birmingham; Sir Rowland Blennerhassett, M.P.; Mr. Justice Day; The O'Connor Don, Privy Councillor; Sir John Lambert, K.C.B.; The O'Donoghue, M.P. Prior, the Very Rev. Aidan Gasquet, O.S.B., with a staff of eminent resident Clerical Professors and non-resident lay Professors.

**DUMFRIES** (*N.B., Scotland*), S. JOSEPH'S COLLEGE. This college was established in 1874. The nature of education essentially Commercial. Latin and Greek for those who so desire. French spoken in college, 1 or more French boys generally in school. Average number of scholars, 60, none free; all boarders. Pension, 35*l.* per annum. Scholars are admitted at any age and at any time. Examinations take place at Christmas, Easter, and Midsummer, by the Professors and Superior. Vacations, 8 weeks at Midsummer. Conducted by the Marist Brothers. Provincial, the Rev. Brother Tatianus.

**EDGBASTON**, *near BIRMINGHAM (Warwickshire)*, THE ORATORY SCHOOL. This school is intended to afford to Catholic youth the advantages of the great Public Schools of England. It provides a special preparation for the Examinations at Woolwich, Sandhurst, and the Naval

Service, in which candidates from the oratory have already been successful. Rector, His Eminence Cardinal J. H. Newman, D.D., with Prefects and Masters of the Universities.

ENNIS (*Ireland*), THE KILLALOE DIOCESAN COLLEGE. Patron, Most Rev. James Ryan, D.D., Coadjutor Bishop of Killaloe; President, Very Rev. Michael Culligan; Vice-President, Rev. Denis Kelly. The new Diocesan College, Ennis, built by bishop, clergy, and people of the diocese of Killaloe was opened for the reception of students in August 1881. It was designed by Francis O'Connor, Esq., C.E. The building is 3 stories high; the style of architecture, domestic Gothic. The course of studies is designed to prepare boys for the Ecclesiastical Colleges, for University, Intermediate, and Professional Examinations, as well as for Commercial life. Terms: for boarders, 30*l.* per annum; for day-scholars, 6*l.* per annum. Professors, Rev. M. Culligan, Rev. D. Kelly, Rev. P. Bourke, and 10 others.

FERMOY (*Cork*), S. COLMAN COLLEGE. Head Master, Very Rev. W. Hutch, D.D., and 8 Professors.

FORT AUGUSTUS (*Inverness-shire*), S. BENEDICT'S COLLEGE. This college will be opened for students in 1878, and will offer to the Catholics of Great Britain a first class liberal education. The students, besides being taught the usual course in Classics and Science, will be prepared for University Examinations. The new buildings are furnished with heating apparatus, hot and cold water baths, spacious dormitories, and all the requisites of a comfortable home. Students will be admitted into the preparatory class at 9 years of age. Rector, the Very Rev. Prior Jerome Vaughan, O.S.B.

HATHERSAGE (*Derbyshire*), ROCK HOUSE. A preparatory school for a limited number of pupils from the age of 6 to 12. Pension, 25*l.* per annum. Principals, Mrs. J. V. Gibson and Miss Gibson.

¶ KELVEDON (*Essex*), S. MICHAEL'S GRAMMAR SCHOOL. This school occupies extensive premises, and the object is to give a thorough Commercial, or, if necessary, a Classical education. The course of instruction includes Latin, French, Mathematics, Book-keeping, German, Drawing, etc. Pupils are prepared for London University or Civil Service Examinations. The fees for board and education are 23*l.* per annum. Entrance fee, 10*s.* Principal, the Rev. George Bamfield, B.A., Oxon, Address, Barnet, Herts, or the Rev. the Head Master, S. Michael's School, Kelvedon.

KILKENNY (*Ireland*), S. KIERAN'S COLLEGE. This college was founded 1782, and is, by Royal Charter, connected with the University of London. Dean, the Rev. M. Barry. Head Master, the Very Rev. P. Murphy.

LEE (*Kent*), 9, LEYLAND ROAD. The sons of gentlemen prepared for the Army and Navy, Home and Foreign Civil Service, London University, etc. This year several pupils passed the Sandhurst Preliminary and other Examinations. Principal, Rev. E. von Orsbach, late tutor of their Highnesses the Princes of Thurn and Taxis, aided by most experienced Tutors.

LEICESTER (*Leicestershire*), RATCLIFFE ROMAN CATHOLIC COLLEGE, near LEICESTER. This college is divided into a Senior and Junior School. Instruction in Classics, Mathematics, French, German, and Italian, to boarders, at 35*l.* to 40*l.* per annum each, with extras. President, the Very Rev. James Robert Richmond.

LITTLEHAMPTON (*Sussex*), S. JOSEPH'S APOSTOLIC COLLEGE. S. Joseph's College has been formed out of the Apostolic Schools, which were formerly attached to the Amiens and Boulogne Colleges, and which have now taken refuge in England. Its purpose is to prepare children of all nationalities for Catholic Missions, in bestowing upon them solid instruction by means of a special education. More than ordinary talents are required of them, together with earnest piety and a genuine vocation. In cases where parents cannot afford to pay for children's maintenance, which amounts to about 30*l.* yearly for each child, the establishment will supply the deficiency out of charitable donations and voluntary contributions, on which it chiefly depends for its support. Rector, vacant.

LIVERPOOL (*Lancashire*), GRAMMAR AND COMMERCIAL CATHOLIC INSTITUTE, 26, HOPE STREET. Established 1851. A good and sound commercial education to 125 day-scholars is the primary object; French taught throughout, Latin and Greek to those who require them. Present number of boys, 91. No boarders. Scholars are admitted from 7 years; slight knowledge of Reading and Writing required. Admission, apply to Principal. Examinations take place at Midsummer and Christmas, by staff and Local Clergy. Vacations, about 2 months, distributed: Easter, Midsummer, and Christmas. Principal, the Rev. M. Gallagher; Vice-Principal, the Rev. E. J. Birchall; Head Master, L. C. Evans, and 5 assistant Masters.

LIVERPOOL, S. EDWARD'S COLLEGE, EVERTON (*near*). Founded in 1842 by the Right Rev. Dr. Brown, first Bishop of Liverpool. The college has been greatly enlarged by the building of a private chapel, refectory, infirmary, study and class-rooms, together with spacious dormitories exceedingly well fitted up. President, Right Rev. Mgr. Provost Fisher, D.D., V.G.

#### LONDON, N.

HIGHGATE HILL, HORNSEY LANE, S. ALOYSIUS'S BOARDING SCHOOL. This school, conducted by the Brothers of Our Lady of Mercy, has been established with the sanction and special blessing of the Cardinal Archbishop of Westminster. The premises, which have recently undergone great alterations, are fitted up with all the requisites of a first-class establishment. Pension, 26*l.* for children under 10 years, and 28*l.* for those above that age. Head Master, vacant.

#### LONDON, N.W.

HAMPSTEAD, S. BASIL'S, FROGNALL HALL. This school is under the patronage of the Cardinal Archbishop of Westminster and his Lordship the Bishop of Southwark. Boys under the age of 12 are received. The school is situated in the healthiest part of Hampstead, near the



Heath, and the course of instruction comprises English, French, Latin, Mathematics, Music, and Drawing. Terms: 50 guineas per annum. Principal, Mrs. Keogh, with assistant Masters.

LONDON, S.W.

\* CLAPHAM, S. JOSEPH'S COLLEGE. Over 100 boys (75 being boarders) receive a good English and Classical education, and are prepared for University and other Examinations, as well as for Mercantile and Professional pursuits. French and German; special attention paid to Mathematics, Physics, and Chemistry. Physical and Chemical Laboratories. Boarders pay 40*l.* to 45*l.* a year. Examinations take place once a month by the President. Every year a number of candidates are sent up for London University, Oxford Local, College of Surgeons, etc. Vacations, 2 weeks at Christmas and 6 weeks at Midsummer. Principal, the Rev. B. Aventine; Vice-Principal, Rev. M. F. O'Reilly, B.Sc. There are 12 Masters, 4 of whom are non-resident.

HENDON, N.W., MILL HILL, S. JOSEPH'S COLLEGE OF THE SACRED HEART FOR FOREIGN MISSIONS. Founded under the special blessing of the Sovereign Pontiff and of the Archbishop and Bishops of the English Hierarchy; and supported by voluntary contributions. The Society of the Sacred Heart for Foreign Missions, which consists both of clergy and of laity, is under the direction of its Superior General, the Right Rev. Herbert Vaughan, Bishop of Salford. Its object is to educate missionaries, for the conversion chiefly of heathen nations. Conditions of admission to the college: 18 years of age, unexceptionable testimonials as to solid piety and probable vocation; sufficient education to enable the candidate to begin philosophy; a thorough apostolic willingness to devote his whole life to foreign missions, and to accept as from God whatever mission he may be thought fit for and appointed to. He will be provided for in old age or illness. A preparatory college has been founded at Kelvedon in Essex. Rector of the college, Very Rev. Peter Benoit.

KENSINGTON, THE CATHOLIC UNIVERSITY COLLEGE. Founded by the Catholic Hierarchy of England, and opened April 9th, 1875. 3 classes of students are admitted; viz., those who wish to follow the normal course of 4 years' study; those who are specially preparing for the University of London, the Army, the Civil Services, and Law. The usual age of admission is 17 and upwards. The scholastic year begins in October, and is divided into 3 terms: Michaelmas, Lent, and Easter. The vacations are about 3 weeks at Christmas, a fortnight at Easter, and about 2 months at Midsummer. The tutorial fees are 36*l.* a year, or 12 guineas per term. Board and lodging at the house of residence costs about 100*l.* a year, or 33 guineas per term. Rector, the Very Rev. Robert P. Clarke.

LONDON, W.

HAMMERSMITH, BROOK GREEN, S. MARY'S TRAINING COLLEGE. Established in 1853, for the training of Catholic schoolmasters. 60 Queen's Scholars in residence as boarders. 554 masters have been trained and sent out. Principal, Rev. Thomas Graham, D.D.



**S. CHARLES' SQUARE, NORTH KENSINGTON, S. CHARLES' COLLEGE.** This college was founded by his Eminence the Cardinal Archbishop of Westminster in 1863, and removed in 1874 to new buildings, with grounds several acres in extent. This school was established by his Eminence when he was superior of the Oblates of St. Charles, and it is directed by the Oblate Fathers, under his special supervision. The studies embrace the full course of a Public School Education. They form a preparation for various Government and Professional Examinations. Sacred subjects receive the attention due to their importance, and religious instruction is given according to the age and the needs of each student. The main course of study comprises Latin, Greek, History, Geography, Arithmetic, Euclid, Algebra, Natural Philosophy, and higher Mathematics. French also is taught in every form, and is spoken in class-time during the French lessons. Day scholars and day boarders are received, and their moral training is attended to as carefully as that of the resident students. The college buildings are about 300 feet in length, and stand on a high and healthy site, and the grounds contain a football field, cricket field, and gymnasium, and form an enclosure of about ten acres, known now as St. Charles' Square. Advantages are offered for the education of young ladies at the Convent Schools of the Franciscan Nuns, Portobello Road, W., and of the Filles de Sion, Sion House, Powis Square. The churches near are St. Mary of the Angels, Westmoreland Road, Bayswater; St. Francis', Portland Road, Notting Hill; Our Lady of the Holy Souls, Bosworth Road, Kensall New Town. The Chapel of the Carmelite Nuns in St. Charles' Square is also open to the public. The fees are in the junior division, boarders, 35 guineas per annum; day scholars, 12 guineas per annum; and in the senior division, boarders pay 50 guineas per annum; boarders above fifteen years, 60 guineas per annum; day scholars, 15 guineas. The vacations are at Christmas two weeks, Easter one week, and midsummer seven weeks. Rector, the very Rev. Robert Butler, D.D. Prefect of studies, the Rev. F. M. Wyndham, M.A., Oxon, and a staff of Masters.

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**LONGFORD (Ireland), S. MEL'S COLLEGE.** This college was established and endowed by the late Most Rev. John Kilduff, Bishop of Ardagh, and was opened for the education of lay and ecclesiastical pupils in September 1865. The entire cost of the building, about 15,000*l.*, was defrayed by the generous contributions of the bishop, priests, and people of Ardagh. The course is designed to prepare the pupils for the University, Maynooth, the Civil Service, and Commercial pursuits, and embraces a full course of Greek and Latin Classics, French, Italian, English Language and Literature, Mathematics, Surveying, History (Ancient and Modern), Geography, Arithmetic, Music, Drawing, etc. Ecclesiastical pupils are trained with a particular attention to the high and holy vocation to which they aspire. Terms: the pension for board and education is 30*l.* per annum. President, the Rev. J. O. Farrell, and resident Professors.

**MANCHESTER (Lancashire), S. BEDE'S MANCHESTER COLLEGE, ALEXANDRA PARK.** It was established 1876 (Grosvenor Square, temporary

premises) ; 1877 removed to Alexandra Park. This college is designed to provide for the sons of gentlemen the practical kind of education which is best calculated to ensure success in Professional and Commercial life. Nature of education provided : 1st. Elementary Course : an English and Classical Education (Forms I. to VI.). 2nd. Superior Course : the Commercial and Technical Department, corresponds to German Real- and Gewerbeschule, to Instituts de Commerce, French, Migatory, German, Latin, Greek (optional) ; also in superior course—Italian, Spanish, Portuguese, Dutch, Turkish, Arabic, Sanskrit. College also prepares (in superior course) for Competitive Examinations, Civil Service, the Law, Army, Universities, etc. Manchester Aquarium purchased 1877, to serve as Technical and Commercial Museum and Academy Hall. Fees: Elementary course—day-boys, 3 guineas a term under 12 years of age ; 4 guineas a Term over 12 years of age ; boarders, 50 guineas a year under 12 years of age ; 60 guineas a year over 12 years of age. Superior course—80 to 150 guineas, according to requirements. Boys may enter Elementary course as early as their 7th year. For admissions, apply to the Rector. Examinations take place : 1. Terminal Examinations (by printed papers, and oral) Christmas, Easter, and Midsummer, by the Professors. 2. Annual inspection by Board of Examiners appointed by Bishop of Salford. Vacations, 10 weeks : 2 weeks at Christmas ; 1 week at Easter ; 1 week at Whitsuntide ; long vacation of 6 weeks at Midsummer. Rector, the Very Rev. T. Wrennall. Vice-Rector, the Rev. James Hayes. Prefect of Studies, the Rev. L. C. Casartelli, M.A. Resident Professors, 6 ; non-resident Lecturers and Tutors, 6.

MOUNT S. MARY'S. See CHESTERFIELD.

NAVAN (*Ireland*), S. FINIAN'S DIOCESAN SEMINARY. Founded 1802. In this establishment candidates are prepared for Ecclesiastical Colleges, University, Intermediate, and Civil Service Examinations, and for the various Professional and Commercial pursuits of life. Its curriculum, therefore, embraces a complete course of the Latin, Greek, English, and French Languages, Elementary and the Higher Mathematics, Experimental Philosophy and Chemistry, together with the other branches of a sound Liberal Education. The Academic Year extends from the 4th Tuesday of August to the 1st Tuesday of July. Terms: board and tuition, 30*l.* per annum. Under the Patronage of the Most Rev. Dr. Nulty, Lord Bishop of Meath. President, Rev. Joseph Higgins. D.D. ; Vice-President, Rev. Bernard Duff ; Dean, Rev. John Cassidy. The staff of Professors includes, in addition to 5 Clergymen, 2 Lay resident Teachers, a Professor of Music, Dancing, Drawing, and a Master of Drill and Gymnastics.

NEWCASTLE-ON-TYNE, S. CUTHBERT'S GRAMMAR SCHOOL, 49, BATH LANE. For boarders and day-scholars. Under the patronage and supervision of the bishop of the diocese. Head Master, Rev. W. Wickwar, assisted by an efficient staff of Teachers.

OSCOTT, *near BIRMINGHAM (Warwickshire)*, S. MARY'S COLLEGE. This college is situated 6 miles from Birmingham. Oscott College is one of the oldest Catholic educational institutions in England. Having been expressly designed as a college, it has special advantages over

most other similar establishments. Its central position and extremely healthy situation are unrivalled. The course of studies is shaped to prepare the sons of Catholic gentlemen for the Army, the Navy, and the Professions. The college is affiliated to the London University, and students are specially prepared for its examinations. Very particular attention is paid to the moral and social, as well as to the intellectual, training of its *alumni*. French and German are taught throughout, as part of the course. About 100 pupils are now received. The age for admission is from 9 to 14. Students who come from any other house of education must bring from the Superior of that house testimonials of good conduct. The terms are 60 guineas per annum under the age of 14, and 70 guineas above that age. In the School of Philosophy there is an extra charge of 10*l.* 10*s.* Vacations, 13 weeks in the year. President, the Very Rev. E. C. Acton, D.D.; Vice-President, the Rev. J. J. Daly, assisted by 8 Clergymen and 8 Laymen, as resident assistant Masters.

OLD WINDSOR. See WINDSOR.

\* PLYMOUTH (*Devonshire*), COLLEGIATE SCHOOL. A Classical, Commercial, and Scientific education. The pupils have been successful in Cambridge Local, Control, Civil Service, Preliminary Medical, and Science Examinations, also distinguished in the Theological Colleges. Principal, P. J. Clarke.

\* RAMSGATE (*Kent*), S. AUGUSTINE'S CATHOLIC COLLEGE. Established 1866. Nature of education provided—high-class Classical and Commercial, Latin, Greek, German, French, Italian, and English. Average number of scholars, about 40, all boarders; no free places. Scholars are admitted from 8 years of age. Admission by application to President. Examinations take place at Christmas and Midsummer, by the President and his Assistants. Also Oxford and Cambridge Local Examination. Vacations: fortnight at Christmas, week at Easter, and 6 weeks in summer. President, the Very Rev. F. Thomas Bergh, O.S.B. Head Master, or Prefect of Studies, Rev. Ethelwald O'Gara, D.D., F.M.S., with 5 Classical and Mathematical Assistants, residents; 4 others, non-resident, for Foreign Languages and other special subjects.

REDHILL (*Surrey*), S. JOHN'S, WARWICK ROAD. Preparatory school for young gentlemen. This school is under the patronage of the Right Rev. the Bishop of Southwark, and the Right Rev. the Bishop of Northampton. A limited number of boys received, from the age of 4 to 10. Terms, 30*l.* per annum. Principal, Miss Grove.

RICHMOND (*Surrey*), S. MARY'S COLLEGE, KEW FOOT ROAD. Established by Dr. Kenny. Course of studies embraces Greek, Latin, French, and the Modern Languages and Literature, English, Mathematics, Drawing, and Music. Pupils are prepared for Commerce, the Civil Service, the Army, Navy, and the Universities. Fees and charges: pupils under 14 years of age, 40 guineas per annum; over 14, 60 guineas per annum. An entrance fee of 2 guineas is required. The vacations are at Christmas, 3 weeks; and the summer, 7 weeks. Principal, T. Killeen, assisted by resident Masters.

RICHMOND, THE CATHOLIC COLLEGIATE SCHOOL, S. JOHN'S GROVE. The course of instruction combines the Latin, Greek, and French

Languages, Geometry, Algebra, etc., with a sound English and Commercial education. Terms: 70 guineas per annum. There are 2 vacations in the year: 1 of 3 weeks at Christmas; the other of about 6 weeks at Midsummer. Principal, J. M'Laughlin, M.C.P., assisted by qualified Masters.

RUGBY, WESTON HALL (*Warwickshire*), S. JOSEPH'S COLLEGE, late of Pailton, Rugby. Established 1874. Weston Hall is a fine old mansion of the Elizabethan order, and is supposed to have been built of the stone which formed part of the castle erected by the noble family of De la Zouch. It is pleasantly situated in its own grounds of several acres, and is only 10 minutes' walk from the Bulkington Station on the Trent Valley Line. The church of Our Lady is opposite the house. This is the largest school under lay direction, and is intended to afford to Catholic youth the advantages of a sound middle-class education. Pension, 28 guineas per annum. 3 Exhibitions of the value of 20*l.* are given to those who pass best in the annual Examination of the College of Preceptors, at which every boy over 12 is presented. Vacations, 8 weeks in the year, at Christmas and Midsummer. Principal, C. H. Poole, B.L., F.R.S.L., F.R.H.S., and a staff of assistant Masters.

\* S. LEONARD'S-ON-SEA (*Sussex*), S. MARY'S LODGE, PEVENSEY ROAD. A Catholic preparatory school for boys from the age of 6 to 12. The education (including French, Latin, Mathematics, and Drawing) intended to prepare the pupils for early entrance into the higher Catholic Schools or Colleges. Pupils have gone to the Colleges of Ushaw, Stonyhurst, Beaumont, and S. Augustine's respectively; and 1 passed the Oxford Local Examination. The year is divided into 3 terms of about 14 weeks each. Terms, 40 guineas per annum. Principal, Miss M. A. Stevens, with competent Assistants.

SAFFRON WALDEN, FRIENDS' SCHOOL. Founded 1811; original foundation, 1701. Endowment, 1,000*l.* inclusive. Instruction in English, Latin, and French to highest forms. There are 70 boys, and 40 girls, all boarders. Pupils admitted at the age of 9 by Committee of Managers. Examined once a year by the Cambridge Syndicate. Vacations: twice a year, in all, 9 weeks. Head Master, George F. Linney, and assistant Masters.

SALFORD (*Lancashire*), SALFORD CATHOLIC GRAMMAR SCHOOL, 43, CRESCENT. It was established 1862. Nature of education provided—Classical and Commercial, English, French, Latin, Greek (German, and Italian, and Spanish being extras). Average number of scholars, 70 (1 free). Fees: 1*l.* 1*s.* per quarter, or 4*l.* 4*s.* per annum; boarders, 30*l.* or 35*l.* Scholars are admitted when they can read, by Head Master. Exhibitions and Scholarships: The number of Scholarships is 1 of 4*l.* 4*s.*; 2 of 35*l.*; 1 of 30*l.*; 1 of 25*l.*; and 5 of 20*l.*; tenable until they finish their course. The vacations occur, 2 weeks at Christmas, 10 days at Easter, 1 week at Whitsuntide, and 5 weeks in August. Head Master, the Very Rev. A. J. De Clere, and resident Masters.

SALT HILL. See WINDSOR.

SCORTON, near GARSTANG (*Lancashire*), COMMERCIAL AND PREPARATORY ACADEMY. It was established 1867. Nature of education provided—



sound training for Commercial pursuits, English, French, German, and Latin; training for Law and Medicine. Average number of scholars, 18. Scholars are admitted from 8 to 12. Examinations take place before each vacation, by the Master, and a Professor from Ushaw College. The vacations are 8 weeks, Christmas and Midsummer. Head Master, M. Henry, A.C.P.

SEATON CAREW, *near* HARTLEPOOL (*Durham*), S. JOSEPH'S ACADEMY. It was established January 1st, 1873. Nature of education provided—English, French, and Latin Languages, Music, and all the other branches of Commercial education. Average number of boarders, 16, which is the limit. Pension, 30 guineas (none free). Scholars are admitted from 6 years upwards. Examinations take place at Midsummer and Christmas, by Principal and friends. The vacations occur, 6 weeks at Midsummer and 3 weeks at Christmas. Head Master, J. R. Johnson.

SHREWSBURY, APOSTOLIC SCHOOL OF OUR LADY OF THE SACRED HEART. Founded with the special blessing of Pope Pius IX., and under the special patronage of the Lord Bishop of Shrewsbury. The missionaries of the Sacred Heart have opened their first Apostolic School in England at Madeley Market. The object the Fathers have in view is to facilitate the vocation, to the priesthood or to the religious life, of boys or young men who, through want of means, cannot receive a proper education. The children are supported during all the time of their classical and clerical education. The age for admission is from 12 to 14. Above this age boys can only be admitted if they have been through a course of Latin. They must be of Christian and respectable parents. This school is entirely supported by voluntary contributions. The Fathers have come to work for England, and they rely upon the charity of Catholics of this country. The school is composed of English and Irish boys. Director, Father Xavier Deidier.

STONYHURST (*Lancashire*), STONYHURST COLLEGE, *near* BLACKBURN. This college, which was founded in 1794, is affiliated to the University of London, and provides 2 courses of instruction—the School course for boys, and the College or University course for young men. The school course extends over 7 years, and comprises every branch of a Classical and liberal education. It is adapted to meet the wants of candidates for Matriculation at the Universities, and for the Civil and Military Services. There is an extensive and commodious infirmary attached to the college, and a resident physician. A preparatory house has been established by the college authorities for the elementary education of younger boys, and to afford them that special attention which their age requires. The age of admission to the college is from 10 to 14; to the preparatory house, from 8 to 11. The terms are: 50 guineas a year for boys under 12; 60 guineas for boys above 12; 2 guineas entrance money. The summer holidays begin in the first week of August, when the annual academies and distribution of prizes take place, and last 6 weeks; the Christmas holidays last 3 weeks. The University course may be followed during a period of from 3 to 4 years. It comprises 2 branches more or less distinct. Preparation for the B.A. Degree of the University of London, with its various Honour Examinations; a full course of Physics, Chemistry, and Mental Philosophy, the last embracing Logic, Metaphysics, Natural Theology, and Ethics. Their vacation



commences on the 1st of August, and ends on the 1st of October. The terms for these students are 12 guineas a month for the 10 months of the scholastic year, to be paid every 5 months in advance; and 5 guineas entrance. The college is provided with an extensive apparatus for Experimental Philosophy, and a complete Chemical Laboratory. Rector, Rev. W. H. Eyre, S.J., assisted by a Prefect of Studies, and a staff of 20 Professors and Masters.

**THURLES** (*Co. Tipperary, Ireland*), **S. PATRICK'S COLLEGE**. Established 1st September, 1837. Nature of education provided—The college is exclusively devoted to the education of ecclesiastical students for the Home and Foreign Missions, to whom it affords the advantages of a full course of Ecclesiastical studies. Average number of scholars. between 80 and 90 interns, and 20 and 25 externs. The pension for students of the Home Mission is 32*l.* 10*s.*, and for students of the Foreign Mission, 28*l.* 10*s.* per annum. The tuition fees for day-pupils are 6 guineas a year. Examinations take place twice a year, *i.e.*, before Christmas and Summer vacations, and made by Professors of the College. Christmas vacation lasts for a fortnight; Summer vacation lasts for 2 months. Superiors: President, the Rev. Alexander F. Scully. Vice-President, the Rev. Daniel Ryan. Deans: the Rev. John Ryan; the Rev. Arthur Ryan. Professors: the Rev. Daniel Ryan; the Rev. William Jones; the Rev. Laurence Hayes, D.D.; the Rev. David Humphreys; the Rev. John Ryan; the Rev. Arthur Ryan. Physician, J. Barry, M.D. Music Master, J. Murray.

**TULLAMORE** (*Ireland*), **S. STANISLAUS COLLEGE**. A higher school has recently been established at S. Stanislaus, in which boys are prepared for the Matriculation and B.A. Degree Examination of the London University, and for the Indian Civil Service, and other Competitive Examinations. In both the higher and lower schools special importance is attached to English, Mathematics, Science, and Modern Languages. The lower school begins about the 15th September, and ends the 20th July. The system of education embraces a full Classical course, the French and Italian Languages. Premiums are annually distributed, at the expense of the College; and to promote emulation still more, Exhibitions have been established. The Students of Rhetoric and Humanities are specially trained in Classics and Mathematics for honours in the Catholic University. Terms, 30 guineas per annum. Entrance fee, 2 guineas. The annual vacation begins towards the end of July, and ends on the first Tuesday after the 8th of September. Head Master, the Very Rev. A. Sturzo, and 18 Professors.

**USHAW**, near **DURHAM** (*Durham*), **S. CUTHBERT'S COLLEGE**. This college was founded at Crookhall in 1794, removed to the New College in 1808, and educates 300 students, all boarders. The general course of studies comprises 3 Divisions—the Lower, the Higher, and the University course. The Higher course embraces the study of the Greek Language, of Algebra, and Geometry, and of the Histories of Greece and Rome, etc., etc. In the University course is embodied the curriculum of the London University for a Degree in Arts. The final year of the University course is devoted to the study of Logic, Metaphysics, and Ethics, and is succeeded by a course of Theology. The Midsummer vacation of 7 weeks begins towards the close of July.

Terms : for the pension, 40 to 50 guineas per annum. President, Right Rev. Monsignor W. Wrennall, D.D., with a staff of 29 Professors and Masters, all resident.

WARE (*Herts*), S. EDMUND'S COLLEGE, OLD HALL GREEN. Founded 1795. It is the Ecclesiastical College of the R.C. dioceses of Westminster and Southwark, and also for the liberal education of secular students. The course of education comprises the Classics, Modern Languages, English, French, Italian, and German, the higher branches of Mathematics, Natural and Moral Philosophy. The pension for students under 12, 50*l.* per annum ; above 12, 60*l.* Vacations : Midsummer, 6 weeks ; Christmas, 2 weeks. President, the Rev. P. Fenton ; Vice-President, the Rev. William Lloyd, Oxon, and 7 resident assistant Masters.

WEYBRIDGE (*Surrey*), WOOBURN PARK. At Wooburn Park was opened, in 1877, a house of education of the higher kind. The main object of the institution is to meet the now rapidly increasing demand for private tuition, combined with a moderate degree of the restraint of school discipline. The course of studies to be undertaken by pupils will be regulated by the desire of the parents of each ; and will embrace all subjects required in preparation for the Competitive Examinations, success in which is now a condition of entrance to the learned Professions, the Army, situations in Government offices, etc. Students will be recommended to look forward to the Catholic University College now established under Hierarchical sanction, at Kensington, for the completion of their course. The pension will be, including instruction in Classics, Mathematics, English, Science, and Literature, German, or French ; for boys under 12 years of age, 90*l.* per annum ; above that age, 120*l.* per annum ; entrance in all cases, 4*l.* The year will be divided into 3 terms as follows :—Autumn, term from September 7th to December 22nd ; Spring term, from January 14th to Easter ; Summer term, from Easter to July 15th. The dates of beginning and end of terms are approximate and subject to slight variation. There will be 3 vacations, which will serve as division between terms : at Midsummer, 7 weeks ; at Christmas, 3 weeks ; at Easter, 2 weeks. Rector, the Hon. and Rev. William Petre. Chaplain and Assistant, Rev. T. Anselm Burge, O.S.B. Secretary, Thomas F. Daniels, and a staff of Professors and Masters.

WINDSOR OLD (*Berkshire*), BEAUMONT COLLEGE. Established 22nd October, 1861. The course of studies comprises the various branches of a mixed Classical and Scientific education. The average number of scholars is 150. Boys over 10 pay 60*l.* ; under 10, 50*l.* per annum. Admission is to be had only by application to the Rector. Examinations take place, and each boy has to stand Examinations, written or oral, in all the subjects that he studies, 4 times a year. This is over and above such Examinations as the London University Matriculation. There are 2 vacations ; 1 of 6 weeks, beginning about 1st of August ; and the other of 3 weeks at Christmas. Rector, the Very Rev. Francis Cassidy, S.J. The present Prefect of Studies (Master) is Rev. Cyprian Splaine, S.J., under whom are 15 assistant Masters, also of the Society of Jesus. Music, Drawing, Painting, Fencing, etc., are taught by non-resident Masters.

WINDSOR, SALT HILL, *near* WINDSOR, BAYLIS HOUSE, S. JAMES' CATHOLIC CLASSICAL ACADEMY. This school is under the patronage of

the Cardinal Archbishop of Westminster, His Lordship the Bishop of Northampton, and His Lordship the Bishop of Southwark. The usual curriculum of a liberal education is followed. Terms for education and board, 60 guineas per annum. There is also a preparatory department, conducted by the Misses Butt. Age for admission, from 10 to 14 years. Principals, Messrs. James and William Butt, with the assistance of resident Chaplain and qualified Professors.

WORCESTER (*Worcestershire*), LITTLETON HOUSE, LOWER WICK. Established 1852. Nature of education provided—Mercantile, with Latin and French. Average number of scholars, 26. Terms: boarders, 30*l.* per annum; day-pupils, 4 guineas per annum. Examinations take place quarterly, by the Principal and Ecclesiastical Inspector. Vacations: 8 weeks, Midsummer and Christmas. Head Master, F. Reeves, and 1 resident and 2 non-resident assistant Masters.

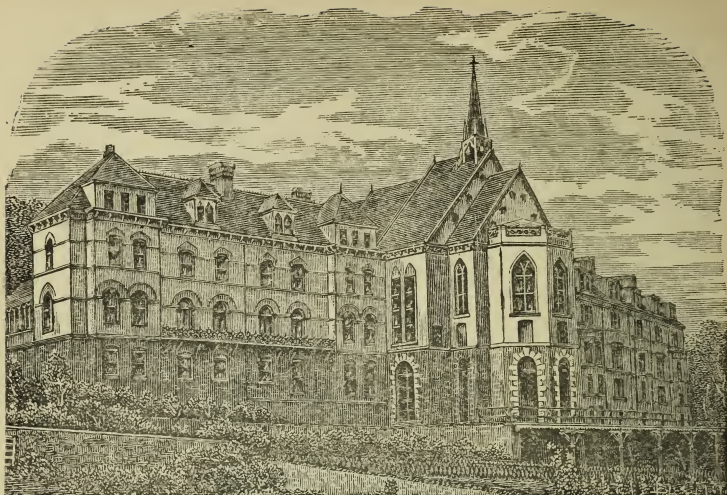
WOOLHAMPTON, *near* READING (*Berkshire*), S. MARY'S. The usual curriculum of a liberal education is given. The pension is 28*l.* per annum; 1*l.* entrance. The age of admission is from 8 to 12. French forms part of the usual course. Latin extra, 2*l.* 2*s.* per annum. President, Very Rev. John Provost Crookall, D.D., V.G., assisted by Rev. H. Rivière.





# ADDENDA





# KINGSLEY COLLEGE

(In Memory of the late Rev. Charles Kingsley),  
**WESTWARD HO! N. DEVON.**

## *Visiting Council.*

Vice-Admiral Sir William Dowell, K.C.B.,  
 Ford, near Bideford.  
 Robert Ellis, Esq., M.R.C.S., etc.,  
 Woodville, near Westward Ho!  
 Rev. Roger Granville, Rector of Bideford.  
 General W. N. Hutchinson,  
 Wellesbourne, near Westward Ho!

Colonel Kennard, M.P.,  
 3, Chesterfield Gardens, Mayfair, W.  
 Major-Gen. Molesworth, R.H.A.,  
 Kenwith, near Westward Ho!  
 Sir George Stucley Stucley, Bart.,  
 Moreton, near Westward Ho!  
 Rear-Admiral Arthur Thrupp,  
 The Elms, near Westward Ho!

*Secretary.*—Ambrose Berkeley Wall, R.N.

*Head Master.*—The Rev. F. Hewson Wall, M.A., LL.D. (honoris causa).

## *Assistant Masters.*

The Rev. W. H. Maddock, M.A., Ex-Scholar,  
 Ex-Fellow of St. John's College, Oxford.  
 A. Campbell, Esq., M.A., Fourth Wrangler,  
 Ex-Scholar, Ex-Fellow of St. John's College,  
 Cambridge.  
 W. A. Haslam, Esq., M.A., Sixth Wrangler,  
 Ex-Scholar and Fellow of St. John's College,  
 Cambridge.

F. W. Thurstan, Esq., M.A., Scholar of Christ's  
 College, Porteous Gold Medallist, and Uni-  
 versity Gold Medallist, Cambridge.  
 Herr G. Stein, Ph. Dr., University of Göt-  
 tingen.  
 W. R. Daine, Esq., B.A., Trinity College,  
 Dublin. [London].  
 A. M. Warren, Esq., College of Organists,

*Drill & Gymnastic Master.*—Staff-Sergt.-Major and Chief Instructor 'J. Whelan.

*Band Master.*—Mr. W. Prior.

*Medical Officer.*—E. Rouse, M.D.

Splendidly situated, overlooking the Golf Links and the Atlantic. The climate is equable, very healthy, and peculiarly adapted to Indian-born children. Boys are educated to pass directly into the Universities, Woolwich, Sandhurst, Navy, and all Public Examinations. Saltwater Swimming Bath (132 ft. x 36 ft.), Gymnasium (70 x 35 x 40 ft.), Fives Courts, Tennis Courts, Cricket and Football Fields, Covered Playground, Hot and Cold Plunge Baths, etc.

**For Particulars apply to the Secretary.**

# ADDENDA.

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## LIST

OF THOSE

## PRIVATE SCHOOLS AND COLLEGES FOR BOYS,

Which are not included in the descriptive list given in Part VIII., in topographical order, pages 681 to 1103. This list is also arranged in topographical order.

- 
- Aberdare, Ty Maur, Evan Jones.  
Abergavenny, Grammar School, M. Wetter.  
Aberford. Field House, W. Catley.  
Aberystwith, Jasper House, Rev. E. Jones.  
Abremouth (R.S.O.), Letton Lodge, Rev. D. Moore.  
Addiscombe, 4, Westbourne Terrace, C. D. Waite.  
Addleston (Surrey), Grove College, J. P. Hawken.  
Airdrie (N.B.), Airdrie Academy. Rector, David Macvey, M.A.  
Alcester (near Redditch), Endowed Grammar School, W. M. Sutton.  
Alnwick, Duke of Northumberland's School, J. Collison.  
Alton (Hants), Ackender House, C. Stewart, M.A.  
„ Ockham Middle Class School, R. Rowston.  
Anerley, 27, Selby Road, B. Booth.  
„ South Penge Park, Westbrook House, Rev. R. W. Harris, M.A.  
„ The College, F. Gruzelier.  
Anglesey (near Gosport), Crescent House. Principal, T. Eastman.  
Ashton-upon-Mersey (near Manchester), Ashton School, The Meadows,  
F. S. Pryse.  
Atherstone (Warwick), The Grove. Dr. Hoyte.  
„ Rev. J. Baddesley Gardener.  
Alverthorpe, Vintry House, J. Harrison.  
Alveston (Gloucester), Middle School, W. O. Chambers.  
Bampton (Devon), Boarding School, M. E. Wills.  
Banbridge (co. Down), Ireland, The Academy, H. J. Cooke.  
Banbury, The Green, Mrs. Drury.  
Banff (N.B.), The Academy, J. Wilson.  
Barnard Castle, Barningham Academy, J. Hough.

- Barnsley (Yorks), High School, H. de Spear, M.A.  
 „ 21, Dodsworth Road, W. W. Harrison.  
 Barrow-in-Furness (Lancashire), 21 Cheltenham Street, J. A. Spright.  
 Basingstoke, Flaxfield House, H. R. Lowe.  
 Bath, Eversley House, Springfield Place, J. Boyd.  
 „ 5 and 6, Old King Street, E. J. Payne.  
 „ 36, Great Pulteney Street, Rev. C. W. Shickle.  
 „ University School, Vineyards, W. J. Taylor.  
 „ 9, Norfolk Crescent, Mrs. Jeffrey.  
 „ 10, Lansdowne Terrace, Mr. and Mrs. Eclaby.  
 „ 10, Laura Place, Miss Drew.  
 „ The Abbey, Miss Parfitt.  
 „ 55, New King Street, G. Roe.  
 Battle (Sussex), Grammar School, W. Lambourn.  
 Bedale (Yorkshire), Neville Hall, Middleham, Rev. Dr. Pollock.  
 Berwick-on-Tweed, Corporation Academy, J. Scott.  
 Bewdley, Park House School, W. B. Foster.  
 Bexley (Kent), Belmont House School, J. E. Woodman.  
 Bicester (Oxfordshire), Rutland House, Rev. F. C. Impey Long, M.A.  
 Bildestone (Suffolk), W. H. Mould.  
 Billericay (Essex), Crescent House, Rev. F. Monkhouse Sparks.  
 Birkenhead, Claughton House, Miss MacMaster.  
 Birmingham, Egbaston High School, 284, Hagley Road, G. P. Nowers.  
 „ Camp Hill College School, Rev. C. Heaven.  
 „ King Edward's Branch School, Gem Street, J. Townsend.  
 „ King Edward's Branch School, Edward Street, J. Temperley.  
 „ Burleigh House School, G. Ashford.  
 „ Lozell's Villa School, Lozell's Road, J. T. Hyde.  
 „ Middle School, Rev. E. F. M. MacCarthy, M.A.  
 „ The Hollies, Soho Park, A. N. Deakin.  
 Bishop Stortford, Collegiate School, Dr. Flood.  
 Bishop's Wood (Staffordshire), Rev. R. F. Heath, M.A.  
 Blackpool, Claremont College, M. Marshall.  
 „ College School, Rev. C. Parkes.  
 Blyth (Northumberland), Ridley Street Academy, J. Temple.  
 Bolton Abbey (Yorkshire), Skipton-in-Craven, Rev. C. L. Childe.  
 Bolton, Collegiate School, Duke Street. Principal, Rev. H. W. Little.  
 Bolton-le-Moors (Lancashire), The High School, W. T. Mason.  
 Bournemouth, 1, Westbourne Terrace, Rev. H. J. Storrs, B.A.  
 Bowden (near Manchester), Grange Lane School, S. Sturmer.  
 Boxmoor (Herts), Heath Brow, Rev. W. Sykes.  
 Bracknell (Berks), Brook House, J. W. G. Andras.  
 „ Binfield House, B. B. Buchey.  
 „ Binfield, The Woodlands, R. J. H. Jones, M.A.  
 Brampton (near Rotherham), Commercial School, E. Bygate.  
 Bridge of Allan, The Academy, Messrs. Braidwood.  
 Bridlington, Priory House School, J. Gibson.  
 Brighton, Oxford House, Eaton Place, Miss Roworth.  
 „ Cliftonville, Hove, 49, Denmark Villas, Rev. W. Buckell, M.A.  
 „ 22, Montpellier Crescent, Kemball Cook, M.A.  
 „ Hampton Place School, J. H. Clowser.  
 „ 35, Sussex Square, Mrs. Bartlett.

- Brighton, 4, Belmont, Rev. F. J. Nellen.  
 „ 25, Upper Brunswick Place, C. G. Load.  
 „ 8, Norfolk Terrace, W. R. Lee, M.A.  
 „ 76, Montpellier Road, Thomas Marsh.  
 Bristol, Cotham Road School, J. H. Dillon.  
 „ Redland Green, Grenville House, Lewis W. Rogers.  
 „ Trade and Mining Schools, J. Coomber.  
 „ 17, Miles Road, Clifton, Rev. T. Roach.  
 „ Tudor House, Durdham Down, J. H. Wilkinson.  
 „ Hambrook Grove (near Bristol), Rev. W. S. Grignon, M.A.  
 Broadstairs (Kent), The Collegiate School, R. J. Burbidge.  
 „ Laurie House, Miss H. Smith.  
 Brockley, Twickenham Road, J. E. Ellis.  
 Brompton, New (Kent), St. Mark's Commercial School, J. Bush.  
 Broughton Ferry (Forfar, N.B.), Collegiate School, R. Brockley.  
 Budleigh Salterton (South Devon), Cliff House School, T. B. Darling.  
 Bungay (Suffolk), Belle Vue House School, R. Browne.  
 Burgess Hill (Sussex), J. F. Cornish.  
 Burnham (Somerset), Steart House, H. E. Compson.  
 Burnley, Collegiate School, Palatine Square, W. E. Bond.  
 Burton (Westmoreland), Hutton House Preparatory School, Misses Boyd.  
 Burton-on-Trent, Wellington House, G. S. Messiter, M.A.  
 „ Alsop's Grammar School, H. R. Hinde.  
 Bury St. Edmunds, Mr. Goodall.  
 Buxton Holm Leigh, Preparatory School, Mrs. Pettit.  
 Caistor (Lincolnshire), Free Grammar School, Rev. R. Thomas.  
 Callington, The Grammar School, Rev. F. Thornton.  
 Cambridge, Prospect House, F. G. E. Barber.  
 „ The County College, S. S. Allnutt.  
 „ 62, St. Andrew's Street, Rev. F. C. Lambert, M.A.  
 Cannock (near Stafford), Shoal Hill College, S. G. Gwynne.  
 Carlisle, 31, Chiswick Street, A. Davidson.  
 Carnarvon, Towyn Brynavor Hall School, Edwin Jones.  
 Carnforth Lanes, Carnforth Grange, High School, Rev. W. T. Osborne.  
 Castle Donnington, Pension de Jeunes Gens, Etienne S. Morgaene.  
 Caterham, Warehousemen and Clerks' Schools, J. Garnett.  
 Chardstock, Laurel Cottage, Rev. G. Fox.  
 Chelmsford, Springfield School, T. W. Hunt.  
 Chelsfield (Kent), Grammar School, Dr. W. Gayter.  
 Cheltenham, Northampton House School, Bath Road, W. Barwell.  
 „ Boyne House, J. B. Smith.  
 „ Belmore House, G. W. Fursey.  
 „ Ellenboro' House, Miss White.  
 „ Great Norwood Street, J. L. Butler.  
 „ Glyngarth Preparatory School, the Misses Sanderson.  
 Chepstow, Chepstow Grammar School, Mr. Dewdney.  
 Chertsey, Highfield House, W. and H. Tranter.  
 Chesham (Bucks), Cambridge House School, Mrs. Jinks.  
 Chester, Lower Northgate School, F. Ripton.  
 „ Mostyn House School, Parkgate, Rev. A. S. Grenfall, M.A.  
 „ Bridge House School, H. A. Ruinet.  
 Chipping Norton (Oxon), Collegiate School. Principal, J. Bennett.

- Chiswick, Bradmore House, W. J. Stafford.  
 Clevedon Grammar School, Clevedon, Rev. S. Cornish.  
 Clifton, Bristol, 2, Arlington Villas, F. Pritchard.  
 „ Llantrissant House, The Avenue, F. Townsend.  
 „ Badminton House, Mrs. Badock?  
 „ Durdham Down, Winchester House, Rev. A. G. Morris.  
 „ 34, Richmond Terrace, C. Pridham.  
 Coleraïne, The Institution, T. G. Houston, M.A.  
 Conway (N. Wales), Conway College, G. Fawcett.  
 Cowfold, Horsham (Sussex), S. Yeates.  
 Crayford, Manor House, S. A. Blackwood.  
 Copredy, Leamington, The Grammar School, J. Lewis.  
 Crief Dalmhor (Perthshire), W. E. Frost, B.A.  
 Croydon, West, Boswell House College, Miss Pearse.  
 „ Boys' British School, Tamworth Road, J. Drage.  
 „ Linlithgow House, 36, Wellesley Road, Mrs. Carr.  
 „ St. George's College. President, L. Powel.  
 Cullompton (Devon), Kentisbeare Academy, G. Fry Radford.
- Darlington, Bloomfield House, R. Mackay.  
 „ Hall School, Darlington, J. Wood.  
 Dartmouth Grammar School, Rev. W. Lloyd Price, M.A.  
 Dawlish (S. Devon), 1, West Cliff Terrace, Rev. J. H. Blackman, M.A.  
 Deal, Palmerston House School, W. Carterfield.  
 Delph (near Manchester), Collegiate School, J. W. Fenton.  
 Denbigh, Blue Coat School, J. Jones.  
 Devizes, Brownstown House, Miss E. Bidwell.  
 Devonport-Stoke, 1, Trafalgar Place, Mrs. Long.  
 Dewsbury, Collegiate School, R. Bentley.  
 Doncaster, Scarborough Villa School, Hatfield (near), Dr. G. Hardy.  
 Dorset, Isle of Portland, Technical School, M. Steward and C. Holland.  
 Dover, Wingfield House, Rev. H. C. Jollye, M.A.  
 „ Collegiate School, J. Jolly.  
 „ 1, Priory Gate, J. Stanton Wise, M.A.  
 „ Prospect House School, H. E. Hutchinson.  
 „ Kilvinton House, Misses Worsfold.
- Downside, St. Gregory's College, Rev. H. E. Ford.  
 „ St. Gregory's School (Catholic), Rev. F. A. Gasquet, O.S.B.  
 Dronfield (near Sheffield), High School, I. McKenzie.  
 Dublin, Central Model Schools, Marlboro' Street, L. J. Ryan.  
 „ 6, Wilton Terrace, The Misses Hempel and Elsner.  
 „ Beetive College, North Great George Street, G. H. King.  
 Dudley, Classical and Commercial School, J. Napier.  
 „ Middle Class School, E. Burton.
- Dumbarton (N.B.), The Burgh School, H. Dickie.  
 Dumfries, Boys' Select School, Rev. G. Y. Thirde.  
 Dunchurch, The Lodge, A. H. Harrison.  
 Dungiven, Classical and Commercial School, A. T. Wright.  
 Dunmanway (Cork), St. Edmund's College, Rev. Dr. Emerson.  
 „ Dunmanway School, G. Deacon.  
 Dunmow (Essex), New Street, B. H. Warner.  
 „ St. John's House, A. B. Newman.  
 Dursley, Raglan House, the Misses Cooke.



- Earby (Yorks), Earby School, J. Bentley.  
 Eastbourne, Harefield House, Rev. James Loble.  
 „ Clifton House School, C. P. Morris, B.A.  
 „ Compton Street, Everton House, Rev. J. Turner.  
 „ Devonshire Park, Spencer Road, Stanley House, J. E. Day.  
 „ St. John's Lodge, St. John's Road, Rev. J. D. Raven, M.A.  
 „ Gildridge Road, Stamford House, Miss Slater.  
 „ 9, Sussex Gardens, Mrs. C. Esse.  
 „ 1, South Lynn, Hartfield Square, Rev. H. Von E. Scott, B.A.  
 „ Old School, The Gables, David Stroud.  
 „ Hardwick House Preparatory School, Mrs. Brown.  
 „ Waverley House School, Langney Road, W. B. Wilcockson.  
 „ Woodholme, Upperton Gardens, Miss Steventon and Miss Eddes.  
 „ College Road, Buscote House, Rev. F. W. Haines.  
 „ Preparatory School, Hill Side, Upperton Higher Garden, Miss P. C. Ackerman.  
 Eaton Socon (near St. Neot's), The School, N. N. Gale.  
 Eccles (near Manchester), Half Edge Lane Collegiate School, Mr. Stead.  
 Edenbridge, Strangrove House School, A. Hoare.  
 Edgeware (Middlesex), Edgeware House, J. B. Glorey.  
 Edinburgh, Cauvin's Hospital, J. Ross.  
 „ Donaldson's Hospital, Rev. D. Balsillie.  
 „ 155, Cannongate, W. Corbit.  
 „ Christian Society School, Lochend's Close, A. B. Storrar.  
 „ Fountainbridge School, G. Robertson.  
 „ Glenorchy's School, Greenside, A. Gemlie.  
 „ New Greyfriar's School, Vennel, P. Corbett.  
 „ Madras, Newhaven, A. D. Porteus.  
 „ Morningside School, A. M. Cockburn.  
 „ Newington School, 41, Clerk Street, J. Chalmers.  
 „ St. Gray Close, 56, High Street, G. Robertson.  
 „ St. George's School, 10, Young Street, P. Simpson.  
 „ St. John's School, Earl Grey Street, R. S. Rymer.  
 „ St. Patrick's School, 260, Cowgate, T. A. Forbes.  
 „ St. Stephen's, 58, Brunswick Street, A. M. Smith.  
 „ Victoria School, Main Street, W. Darling.  
 „ 14, Buccleuch Place, Rev. W. G. Finlayson.  
 „ 66, Gilmore Place, Francis Hart.  
 „ 8, Arniston Place, J. G. McLachlan.  
 „ Ballie School, 9, Marmion Terrace.  
 „ Bonnington Academy, Newhaven Road, D. Hunter.  
 „ 27, Grayfield Square, H. Cameron.  
 „ Hamilton Place Academy, 10, Stockbridge, J. McLaren.  
 „ 2, Drummond Street, D. Hay.  
 „ 1, Nicholas Place, J. Hutton.  
 „ 9, Great King Street, J. R. McLaren.  
 „ 59, George Street, A. Trotter.  
 „ 13, Rutland Square, G. H. Watson.  
 „ 9, Saxe-Coburg Place, J. Carmichael.  
 „ 20, Great King Street, J. Donaldson.  
 „ 11, Sutton Place, G. Graham.  
 „ 32, George Square, J. Harvey.

- Edinburgh, 9, Caledonia Place, J. Kilgown.  
 „ Arnold House, Mayfield Street, W. Macdonald.  
 „ 13, Lochend Road, W. Macdonald.  
 „ 21, Rosehall Terrace, J. J. McLagan.  
 „ 11, Hamilton Place, J. McLaren.  
 „ 7, Inverleith Terrace, G. R. Merry.  
 „ 18, Minto Street, A. Munro.  
 „ 7, Hatton Place, M. Patterson.  
 „ 16, Melostle Terrace, P. Sellar.  
 „ 30, George Square, J. C. Steen.  
 „ 5, George Square, A. Thompson.  
 „ 6, Belgrave Crescent, H. Weir.  
 „ 18, Fettes Row, J. C. Young.  
 „ 83, Princes Street, V. Richon.  
 „ Leith High School, H. McDonald.  
 „ 33, Charlotte Square, Mr. Oliphant's School.  
 „ Bountsfield View Park School, W. Donaldson, M.A.  
 „ Merchiston, Aird House School. Head Master, James Baillie.  
 „ Army Tutor for Militia Competition, Capt. M. H. Hayes, R.A.  
 „ 127A, George Street, High School and Training College.  
 „ Director, Edmund Goldsmid.  
 „ South Side High School, Kilgraston Road. Principal, Gavin Hamilton.
- Edmonton Upper College House, C. F. J. White.  
 Enniskillen (Ireland), Rev. J. Hughes.  
 Exeter, St. Sidwell's School, W. Sheppard.  
 Exmouth, Exmouth School, Rev. G. R. Carr.  
 „ Parade School, C. Salter.  
 „ Russell House, Imperial Road, Rev. W. T. Bull, B.A.
- Fallowfield (near Manchester), Brook Road School, J. Oswald.  
 Farnborough (Hants), Farnborough School, the Rev. A. H. A. Morton.  
 Folkestone, Winton House School, Rev. F. Tappley.  
 „ Montague House, O. H. Wagner.  
 „ York House School, Rev. E. Heel, B.A.
- Forfar (N.B.), The Academy, G. Younger.  
 Forncett St. Mary, Long Stratton (Norfolk), Rev. J. E. Cooper, M.A.  
 Forres (N.B.), The Academy, J. Berwick.  
 Frodsham, Overton College School, G. H. Danby.  
 Frome, Chantry School, Miss Senior.  
 Fulford (Yorkshire), St. Oswald's Ter., F. M. Armstrong.
- Gateshead, 10, Sumburne Street, High School for Boys, J. S. Humble, Sec.  
 Gisborough (North Yorkshire), The Grammar School, Rev. W. E. Jackson.  
 Glasbury (Wales), Hampton School, Owen Phillips.  
 Glasgow, 91, Kent Road, P. Alexander.  
 „ Glen's Institution, J. Meikleham.  
 „ Hutcheson's Hospital, J. Menzies.  
 „ The Bellahouston Academy, A. Sim.  
 „ Albany Academy, 44, Cumberland Street, J. N. McRaith.  
 „ Mount Florida Academy, G. Davis.  
 „ 10, Oakfield Terrace, Hillhead, J. Jeffrey.  
 „ Rosemount School, 398, Sauchiehall Street, A. Cuthel.

- Glasgow, 3, La Belle Place, Mr. Maclaren.  
 " Springhill Academy, W. E. Christie.  
 " Western Institution. 1, Royal Crescent, Rev. J. Watson.  
 " Norland House School, R. B. Smith.  
 " Albert Institution, Dixon Avenue, Queen's Park, W. Sutherland.  
 Gloucester, Commercial School, T. Harte.  
 " Constitution House, Miss Penn.  
 " Collegiate School, Rev. J. R. Washbourne.  
 Godalming, Preparatory School, Rev. H. Adkyn.  
 " High Croft, A. M. M. Stedman, M.A., Oxon.  
 Gondhurst, Bethany House School, Rev. J. J. Kendon.  
 Goole, Grammar School, Navigation House, R. G. Boyd, M.A.  
 Gosport, York House, Clarence Square, E. J. Hipp.  
 Gracehill, Ballymena, Gracehill Moravian Academy, Rev. J. H. Edwards.  
 Grange, *viâ* Carnforth, Methven College, E. Sewell, M.A.  
 Grantham, Middlemore House, J. Walton and Sons.  
 Grassington (near Skipton, Yorkshire), J. Harker.  
 Gravesend, Park House, E. Savage.  
 " Milton Harmer School, W. H. Hedges.  
 Greenock Collegiate School, J. Graham.  
 Guildford, Edgborough, Rev. Dr. Robson.  
 " Abbott's School, James Macfarland.
- Haddington (N.B.), The Burgh School, W. Goodfellow.  
 Halifax, The Crossley Orphanage, W. C. Barber.  
 " Pillon Place School, J. Kidd.  
 Hamilton (N.B.), Clydesdale College, D. G. Kimmond, M.A.  
 " The Academy, J. Blacklock.  
 Hampton (Surrey) Commercial School, W. Hammond.  
 Harlow (Essex), Rev. F. Edwards.  
 Harrogate, St. George's College, Rev. S. H. Ward.  
 Harrow-on-the-Hill, E. R. Hastings, M.A.  
 Harrow, Ashbourne House, C. W. Wood, M.A.  
 Hatfield (Herts), J. Dare.  
 Hawick (Roxburgh, N.B.), Teviot Grove Academy, J. Brand.  
 Hawkhurst (Kent), Middle Class School, F. Heath.  
 Hebden Vale (Yorkshire), Hebden Vale Academy, Messrs. Moss.  
 Helenburgh, N.B., Larchfield Academy, Thomas Bayne.  
 Helmingham (Suffolk), Middle Class School, J. Cawood.  
 Henley-on-Thames, Woodcote House, Rev. H. P. Nind, M.A.  
 Herongate (near Brentwood, Essex), Hope House Preparatory School,  
 Mrs. F. Robinson.  
 Herne Bay (Kent), Collegiate School, J. D. Palmer.  
 Hexham Proprietary School, J. Hyslop.  
 Horsforth, Commercial School, J. Gallaher.  
 Hounslow, Heston House School, H. T. Hobbs.  
 Hovington (near Grantham), Rev. H. D. Moore, M.A.  
 Howden, The Grammar School, Rev. W. Hutchinson.  
 Huddersfield, Longwood Grammar School, J. E. Bolton.  
 " 10, Belgrave Terrace, T. Robson, junior.  
 Hull, Collegiate School, T. D. Ball.  
 Hythe, Prospect House, Rev. A. Bees.

- Ilford (Essex), Collegiate School, J. Woodard.  
 Ilminster, Seamington, St. Michael's, Rev. J. P. Billing.  
 Isle of Man, Douglas, Victoria College, Dr. R. Farrel.  
 Isle of Thanet (Westgate-on-Sea), The Elms, Mrs. Howlett.  
 Isle of Wight, Shanklin, Rev. W. F. Hummel, M.A.
- Jedburgh (Roxburghshire), The Grammar School, A. C. Mounsey.  
 „ The Nest, Dr. Fyffe.  
 Jersey, Goodwood Academy, St. Saviour's, G. W. Parlett.  
 „ St. Helen's, Clarence House, Clarence Road, T. Hamptonne  
 Barreau, M.R.C.S.
- Kircaldy, N.B., Burgh School, Rector, C. R. Scott.  
 Kempford, Fairford, Rev. F. St. John.  
 Kenilworth, The Abbey School, H. G. Brittain.  
 Kew, Percy House Preparatory School, J. Luckman.  
 Kibworth, Highfield House, R. Kirby.  
 Kidderminster, Low Habberley, Commercial School, Richard Crane.  
 „ The Grammar School, Wolverley, J. Elliott.  
 Kilkenny, Boys' School, Dr. Crighton.  
 Kingsdown (Bristol), Observatory House School, C. Cooper.  
 King's Lynn Private School, Mr. Carver.  
 Kingstown (Dublin), Corrig House School, 23, Corrig Avenue, J. H.  
 Bousefield, M.A.  
 Kingston (near Portsmouth), Brougham House School, W. L. Curtis.  
 Kingston-on-Thames, Collegiate School, Apple Market, C. Wyke Smith.  
 Kircaldy (N.B.), Burgh School. Rector, C. R. Scott.  
 Kirkby Lonsdale, Leck Hall, H. J. Welch.  
 Knaresborough (Yorkshire), Clarendon House, W. Gelder.
- Lapford (Devon), Middle Class School, J. C. Clarke.  
 Launceston, Northgate School, W. T. Parsons.  
 Leatherhead, Surrey House School, S. Alcock.  
 Ledsham (Yorkshire), The Grammar School, Rev. M. Simpson.  
 Leeds, Springfield Place, J. Spray.  
 Leicester, Mill Hill School, J. W. Carter.  
 „ De Montfort House, Miss Plant.  
 „ Collegiate School, Mrs. Islip.  
 Leith, High School. Rector, W. Macdonald, M.A.  
 „ Nautical Academy, Sandford Street, John Lockie.  
 Lewes, Castle Gate School, W. Carpenter.  
 Lewisham, S.E., Rother House School, College Park, The Misses Barton.  
 „ 77, Thurston Road, G. W. Clarke.  
 Lexden (near Colchester), F. Richardson.  
 Lichfield (Staffordshire), Lichfield Grammar School, Rev. W. E. Winter.  
 Lincoln, Beaumont House, Mrs. Roome.  
 „ Belmont House, Miss Bacon.  
 „ Minster Yard, Rev. J. J. Swift.  
 Littlehampton (Sussex), Littlehampton Middle Class School, E. P. Toy.  
 „ Hadley House, Miss Tyrrell.  
 „ Leconsfield House, C. H. Carter.  
 Liverpool, The Grange, Bootle, R. Lomas.  
 „ Falkner House School, J. M. Collins.

Liverpool, Chatham Institute, J. Veitch.  
 „ Picton Street, Wavertree, M. Abbott, M.A.  
 „ West Derby Road, M. Bryan.  
 „ West Derby, Hayman's Green, St. Michael's, Rev. Henry  
 Gardner, B.A.  
 „ Vernon Academy, D. J. W. Robertson.  
 „ 26, Hope Street, Catholic Institute the Rev. M. Gallagher.  
 Llandaff, The Cathedral School, Rev. C. E. Butler, M.A., Head Master.  
 Llandudno, 13, Neville Crescent, H. Thomas.  
 Llandyssil (S. Wales), Teifi Vale School, Rev. W. James.

## LONDON, E.

Bow, Prisca Coborn's Foundation Schools, Tredegar Square, A. E.  
 Drinkwater, M.A.  
 Hackney, Amhurst Road, Arnold College, Rev. T. E. Woodhouse, B.A.  
 Kingsland, Sandringham Road, Middle Class School, W. Dowling.  
 Leyton, Leyton College, G. J. Westfield.  
 Lower Clapton, Vermont College, Downs Park Road, J. E. Greenhill.  
 Staplehurst, Heath House, Horsmonden, G. Tabor.  
 Stepney Green, Stepney Jewish School, W. A. Payne.  
 Stratford, The Green, Globe House, Mrs. Mary Stocker.  
 Upper Clapton, Preparatory School, 88, The Common, Miss Rossi.

## LONDON, N.

Canonbury Square (36), The Priory School, H. G. W. Stephens.  
 Canonbury, Alwyne House, S. F. Minasi.  
 „ and Highbury Collegiate School, 10, Compton Road, Dr. W.  
 Heineman.  
 Highbury Park, E. Chester Querepil.  
 Highgate, Gloucester House, North Road, G. Cave.  
 Holloway, 38, Hargrave Park Road, J. H. Shorten.  
 Petherton Road (80), Petherton House, B. H. Woodward.  
 Stamford Hill School, G. Todd.  
 Stoke Newington, Abney House School, Mrs. Ingram.  
 „ Manor Road, St. Andrew's College, Rev. P. F. Duffy.  
 „ Upland House, S. Ingram.  
 „ Ridesdale House School, Lordship Park, J. Sharp.  
 Tollington Park, Tollington Park College, Holloway, W. Brown.  
 Tottenham, Eagle House, J. Fernandez.  
 „ Cedar House College, C. Hemingway.  
 Tottenham Park School, Rev. J. D. Bell, M.A.  
 Upper Holloway Road, 3, Tuffnell Place, H. Gardner Hill.  
 Wood Green, Dovecote Park School, Rev. W. E. Collier.

## LONDON, N.W.

Camden Town, 168, Camden Street, and 27, Caversham Road, Dr. J. Bell.  
 Finsbury Park, Private Road, Highbury College, W. Duckett.  
 Hampstead, Windmill Hill House, Rev. Dr. Myers.  
 „ 6, Heath Rise, Rev. A. R. With.  
 Haverstock Hill, Malden College School, Malden Road, W. H. Temple.  
 „ 142, Adelaide Road, W. H. Dare.  
 Kensington, South, 91, Cromwell Road. Principal, F. C. Turner, B.A.  
 „ 23, Thistle Grove, Geo. Wyatt.



Regent's Park, 77, Avenue Road, Rugby House, Preparatory School,  
Miss J. Elkington.

### LONDON, S.E.

Blackheath, Montpellier House, Rev. H. Martyn Hart, M.A.  
 „ 33, Lee Park, Miss Bowden.  
 „ Heath House, J. W. Peat.  
 „ 9, Eliot Place, G. Valentine, M.A.  
 „ 60, Granville Park, Miss Watson.  
 „ 9, Montpelier Row, H. Cooksey.  
 „ Salisbury Villa, Lee Park, Mrs. Tatnell.  
 „ Wrotesley School, Rev. Robert Holme, M.A.  
 Camberwell Road, 134, W. Spiller.  
 Clapton, St. John at Hackney Grammar School, Clarence Road, Rev. A.  
 C. Vidler, M.A.  
 Croydon, Thornton Heath, Rev. J. H. Roberts, M.A.  
 „ West, Wellesley Road, Merton College, Mrs. Dix.  
 Dulwich, Malmesbury College, D. Taylor, B.A.  
 East Dulwich, Barry Road, St. John's College, J. H. de Merry.  
 East Dulwich Green, Malmesbury College, Messrs. Duncan and Taylor.  
 East Greenwich, Belle Vue House, G. J. Tossel.  
 „ Belle Vue House, Mrs. Turner.  
 Herne Hill, Mayall Road, South London College, W. J. Wilson.  
 Kennington, Archbishop Sumner's Schools, Reedworth Street, T. W.  
 Merry.  
 Kennington, Guildford House Academy, 164, Kennington Park Road.  
 „ Licensed Victuallers' School. Head Master, J. Whitmore.  
 Lee (Kent), Burnt Ash Hill, Newstead Road, Nelson College, J. Palmer.  
 „ Collingwood College, S. Palmer.  
 Lewisham, Lewisham Park School, Percy W. Ames.  
 New Cross, The College, 22, Lewisham High Road, J. F. Bourke.  
 Newington Butts, 4, Holyoak Road, C. J. Eddison.  
 Nunhead, 3, Philbrick Terrace, Miss Danby.  
 Peckham, Peckham Park School, 23, Peckham Road, J. G. Ellis.  
 Shooter's Hill (Kent), Lower Eglinton Road, Eglinton Villa, Proprietary  
 School, Miss Prelions.  
 Southwark, Great Dover Street Collegiate School, Mr. Whitford.  
 Sydenham, Fir Lodge College, Preparatory School, Miss Higgins.  
 Upper New Cross, Holly Bank, Wickham Road, C. Windett.  
 Upper Norwood, 41, Anerley Park, The Priory, Clement Rogers.  
 „ „ Belvedere House, Rev. Algernon P. Bellamy, B.A.  
 „ „ 12, Colby Terrace, Gipsy Hill, Miss A. Bowling.  
 Westminster Bridge Road, Melina House School, 68, Westminster Bridge  
 Road, A. Farquharson.  
 Woolwich, 25, Rectory Place, J. Glover.

### LONDON, S.W.

Brixton Hill, Hope House School, Mrs. Spencer.  
 „ The College School, Burlington House, W. Cornell, B.A.  
 „ Hill, Hope House, Miss Boulden.  
 Brompton Road, 52, Grove Place, W. F. Hogan.  
 „ Seymour House, H. F. Foy.  
 Chelsea Middle Class School, Keppel Street, A. A. Bonifacio.

Clapham, Benfield House School, Lansdowne Road, S. S. Shepperd.  
 „ Common, Macaulay Road, Selbourne Lodge, Rev. W. H. Smith,  
 M.A.  
 „ Rise School, 353, Clapham Road, H. C. Storkley.  
 Fulham Road, Marlborough House, J. N. Smith.  
 Lower Tooting (Surrey), Fairfield, C. Mullen, M.A.  
 Pimlico, 12, St. Vincent's Square, Rev. G. W. Gent.  
 Putney, Brookland College, Oakhill Road, Rev. H. F. W. Cowley.  
 Sloane Terrace, 17, Chelsea Academy, W. Webbe.  
 South Kensington, 47, Thurlow Square, Onslow House, Miss Dixon.  
 „ „ 47, West Cromwell Road, Captain Shedden, M.A.  
 „ „ 91, Cromwell Road, F. C. Turner, B.A.  
 „ „ St. Stephen's School, Clareville Grove, Rev. J. Martin.  
 Streatham, Caer Glow Woodfield Avenue, R. J. Dawes.  
 Wimbledon and Merton, High School, A. Carlyle.

## LONDON, W.

Acton, Grafton House School, Miss Marriott.  
 Bayswater, 30, Hatherley Grove, R. J. Wood.  
 „ 26, Chepstow Villas, F. Cowles.  
 „ 1, Pembridge Villas, The Collegiate School, W. T. Hunt.  
 „ 14, St. Mary's Road, Rev. E. W. Christie, B.A.  
 „ 4, St. Stephen's Road, Rev. Charles Shakespear, M.A.  
 „ 11, Shrewsbury Road, Preparatory School, Miss Shapcott.  
 Ealing Dean, Castle Hill, Rev. O. D. Perrott.  
 „ The Common, Rev. J. L. Clarke.  
 Kensington, Kensington Gate (23), St. Stephen's South Kensington  
 School, Rev. J. W. Martin.  
 Kensington, 174, Portsdown Road, F. Ryland, M.A.  
 „ 7, St. Mary Abbott's Terrace, J. W. Davy.  
 Lancaster Road, 85, Willesden College. Principal, Louis Fry.  
 Maida Hill, 10, North End Terrace, E. Ebbs.  
 Portman Square, Freethorn House, 29, York Place, Ed. Blair.  
 Sutherland Gardens (6), Preparatory School, the Misses Eddy.

## LONDON, W.C.

Camden Town (near Gower Street), 8, High Street, H. Sergeant.  
 Gray's Inn Road, Home and Colonial Middle Class School, F. Coghlin.  
 „ „ „ Home and Colonial College, Rev. J. Evans.

Longwood-by-Huddersfield (Yorkshire), Grammar School, J. E. Bottom,  
 B.A.

Long Ashton (near Bristol), The School, W. J. Kempe.

Luton (Beds), Grosvenor House School, J. E. Arnold.

Lymington (Hants), The Solent School, W. Murdoch.

„ Arnewood, Mrs. Banks.

„ Belle Vue House, The Misses Noakes and Mrs. Banks.

Lynton (North Devon), Lynton Vicarage, Rev. Dr. Robinson.

Lytham (Lancashire), Seafeld House, Misses Oxley and Townsend.

Maidenhead (Berks), Taplow Grammar School, E. Dyke.

„ The Philberds, Rev. E. H. Price.

Maidstone, Hollingbourne School, W. Betts.

- Maidstone, 8, Albion Place, Miss Hills.  
 „ Maryland House, Vinter's Road, G. H. Doret.  
 Malvern, 30, Lansdowne Crescent, Rev. A. H. Blake.  
 „ Wells, Old Well House, Rev. W. W. Gedge.  
 „ Great, Bradford House, Rev. T. E. Minshall, M.A.  
 Malton (Yorkshire), The Mount School, W. J. Johnson.  
 Manchester, Point View School, Higher Broughton, W. Rigg.  
 „ Rhodes House, Cheetham, Rev. E. T. Allen.  
 „ 157, York Street, J. S. Collins.  
 „ The Cheetham Hill Academy, J. Townsend.  
 „ Hulme, Holy Trinity School. Principal, Robert Brace.  
 „ Sale, Brooklands School, E. Lloyd Jones.  
 „ Carshalton, Withington, J. W. Brooker.  
 „ (near), Eccles, Clarendon Road Schools, J. T. Clegg, B.A.  
 „ Ardwick Green School, John Brookes.  
 „ Cheetham, St. Luke's College, The Rev. George Sumner, M.A.  
 „ Burlington Street, 86 and 88, James Maxwell.  
 „ Brook Road, Pendleton High School, James M'Intosh.  
 „ Stretford Road, The School, Fallowfield, John Oswald.  
 „ Greenheys High School, G. Winslow Bannister.  
 „ Broughton High School, Rev. J. Boyd, M.A.  
 Margate, Commercial School, Rev. H. Day.  
 „ Collegiate School, Harold Road, Cliftonville, Rev. H. Wall.  
 „ Granville House Preparatory School, Miss Brestow.  
 „ Sandringham House, Preparatory School, Miss Rich.  
 „ Stanley House, Cliftonville, Mrs. Disney.  
 „ Leo House, 10 & 12, Addington Square, Misses Ablett.  
 „ 42, Godwin Road, Cliftonville, Miss Hill.  
 Marlborough, The Parade, Mrs. W. Roff.  
 Maryport (Cumberland), Kirkby Street School, J. T. Symington.  
 Maltham (Yorkshire), Panville House Academy, J. H. Lawford.  
 Merthyr Tydvil, Primrose Hill School, J. Beavis.  
 Middlesborough (Yorkshire), Park View, G. Neesham.  
 Middleton St. George (Durham), Pemberton School, C. Jackson.  
 Mitcham (Surrey), Holborn School, F. C. Stanbrook.  
 „ The Lodge, Dr. Smith.  
 Moffatt (Dumfries, N.B.), The Grammar School, S. Neil.  
 Mold (Flintshire), Gelli Gnan, J. J. Jones.  
 Morecambe Bay (Lancashire), Furness College, Rev. T. Goodwin, M.A.  
 Muswell Hill (Middlesex), College of Practical Engineering. Principal, John Bourne, C.E.  
 Nailsworth (Gloucestershire), The Mount, Mr. and Miss Watkins.  
 Naseby (near Rugby), J. Ashby.  
 Newcastle, Collegiate School, Westmoreland Road, J. Kelly.  
 „ Emlyn, Emlyn Grammar School, Mr. Elias.  
 Newcastle-on-Tyne, Singleton House, B. Shaw.  
 New Malden, Moray School, 3, Sycamore Villas, J. Cooper.  
 Newport (Monmouth), The Grammar School, Stow Hill, Rev. A. Wilkins.  
 Newton Abbott (Devon), Bovey Tracey Grammar School, J. P. Wills, B.A.  
 „ Forde Park, Rev. Percival Sandilands, M.A.  
 Northallerton (Yorkshire), Ingleby Vicarage, Rev. H. Toovey.  
 „ The Mount, E. D. Little.

- Northampton, Guilsborough, Rev. S. Burgess.  
 „ Waterloo College, J. R. Barber.  
 Northwich (Cheshire), Witton Grammar School, G. Tweedy.  
 Norwich, Bellevue House, Eaton Park, James Charter, B.A.  
 „ Bracondale School, J. Cadge.  
 Nottingham, Forest Road School, J. Smith.  
 „ Sherwood House, H. Major.  
 Old Buckenham (Norfolk), Manor House, Rev. W. Deane.  
 Oldham, Werneth Academy, T. Wild.  
 Oswestry, Willow Street Academy, Owen Owen, B.A.  
 Ottery St. Mary (Devon), St. Andrew's College, T. J. Carnell.  
 Oxford, Ifley Road, Carlton Terrace, Miss Hales.  
 „ Walton Street, Bedford House, Church School, J. H. Thirgood.  
 „ 57, St. John's Street Preparatory School, Miss Ward.  
 Oxted (Surrey), Commercial School, A. S. Owen.  
 Paington (South Devon), Anglesea House, Rev. R. Mulcaster, M.A.  
 Petersfield (Hants), Castle House, A. Stowe, M.A.  
 „ Churches College, The Rev. G. Andrew.  
 Perth (N.B.), Sharp's Institution, R. Peddie.  
 Pill (Bristol), the School House, J. G. Card.  
 Plymouth, Commercial School, W. G. Tweedy, B.A.  
 „ Park Grammar School, J. K. Bond.  
 Portsea, Diocesan School, J. Andrews.  
 Preston, Fulwood Collegiate School, W. H. Cowell.  
 Primrose Grange (near Sligo, Ireland), G. McClenaghham.  
 Pudsey (Yorkshire), Pentland House Academy, G. Porritt.  
 Ramsgate, Vale House, Miss Lanchester.  
 „ Townley House, Mrs. Shrubsole.  
 „ St. Peter's School, L. J. Dicker.  
 Reading, Downshire House, Miss Styles.  
 „ 268, King's Road, Caton Lodge, Misses Martin.  
 „ Montpelier House, King's House, King's Road, C. Le Clair, B.A.  
 Redditch (Worcestershire), The Firs, Astwood Bank, J. L. Timson.  
 Reigate Holmesdale Academy, R. Read.  
 Rhyl (North Wales), Collegiate School, L. H. Junod.  
 Rickmansworth, Frogmore College, Rev. D. Patterson.  
 Ripley (Surrey), Rye House, J. M. Berrage.  
 „ (near Derby), Ripley College, Rev. B. Hackett.  
 Ripon (Yorks), The Select School, S. Jacob.  
 „ Park Street Preparatory School, Mrs. Bates.  
 River (near Dover), Malvern House, R. H. Hammond.  
 Rochdale, Elliott Street Academy, S. B. Pickles.  
 „ The High School, Milkstone Street, Mr. Barton.  
 Rochester, 1, Nile Terrace, Miss Pike.  
 Rotherham, Borough Collegiate School, J. S. Ward.  
 Rothesay, The Academy, D. McLeod.  
 Rottingdean (near Brighton), Bedgeberry House, Miss Robinson.  
 Roundhay (near Leeds), The High School, T. P. Brocklehurst.  
 Royston (Cambridgeshire), Victoria House, C. Stevenson.  
 Rugby, Hill Morton Road, Rev. F. E. Bush.

- Runcorn, The Collegiate School, J. Craig.  
 „ The Grammar School, J. Newcomb.  
 Rusholme, Norman Road School, H. Jones, B.A.  
 Ryde (Isle of Wight), Kilso College, J. W. Heckford.
- Salford, Catholic Grammar School, The Crescent, Rev. A. J. de Clere.  
 Salisbury, Netherhampton House, J. Doughty.  
 „ St. Edmund's College, the Rev. G. H. Bourne, D.C.L.  
 „ The Close. Principals, the Rev. H. W. Carpenter, M.A., Cantab,  
 and W. A. Heygate, M.A., Oxon.  
 „ Cambridge House, Misses Huskins and Woodward.  
 Saltburn-by-the-Sea, Saltburn High School, Roslin Villas, the Rev. J. W. Southern.
- Sampford Peverell, East Derne County School, T. J. B. Sandercock.  
 Sandy (Bedfordshire), Morhanger Lodge, Mrs. Dawkins.  
 Santry (near Dublin), Santry School, D. E. Allen.  
 Scarborough, Cheltenham House, Esplanade Gardens, Rev. J. Wilkins,  
 11, Haddo Terrace, F. G. Richmond.  
 Seaford (Sussex), Rev. W. H. Buck.  
 „ West House School, W. Ball.  
 Seaton (South Devon), Fry College, R. T. Tyacke.  
 Sedgley (near Dudley), Furlongs House School, S. P. Eagleton.  
 Selkirk, Scott's School, J. S. Millar.  
 Sevenoaks, Rev. A. Brooke Webb, M.A.  
 „ Sundridge, Rev. E. Egerton Hammond.  
 Sheffield, 13, Christ Church Road, J. Ashford Jenkinson.  
 „ Curbar Hulme Cliff College, W. Rattray.  
 Shepton Mallet, Beech House, Miss Manning.  
 Sherborne, Forster's Grammar School, J. C. Cooper.  
 Shortlands, 1, Shortlands Villas, J. W. Davis.  
 Skegness, Pembroke House, Rev. E. B. Ironmonger.  
 Sidcot (Somersetshire), The Friends' School, E. Ashby.  
 Sligo, Collegiate School, W. C. Eades, B.A.  
 Southborough (Tunbridge Wells), Preparatory School, J. W. N. Stobart  
 Southall, The High School, R. H. O. Stubbs, M.A. (London).  
 Southport, Sandringham School, J. M. Chadwick.  
 „ Westlands, Miss Gregson.  
 „ Auburn School, J. Bryan.  
 „ Westfield, Trafalgar Square, Misses Kerr.  
 Southsea, Ashburton Road, Holland House, Rev. Ed. Venning.  
 Spalding, Collegiate School, Rev. J. C. Jones.  
 „ Commercial School, Gosberton Hall, G. F. Boyer.  
 Sparkbrook (Birmingham), 115, Stratford Road, J. Allen.  
 Spondon (Derbyshire), Spondon House, Rev. E. Priestland, M.A.  
 Spofforth (Yorkshire), The Academy, T. Gelder.  
 Spring Grove, Isleworth, Holme Court, R. J. S. Jones.  
 Stafford, Yarlet Hall Preparatory School, Rev. W. Earle, M.A.  
 „ The High School. Principal, C. H. Robinson, B.A.  
 Staines (Middlesex), Musgrove House Academy, R. Lane.  
 Stamford, Rutland Terrace, J. Edwards.  
 „ Classical School, High Street, J. Etchells.  
 Stockport, Chedel-Hulme, Warehousemen and Clerks' School, W. St. Laurie.  
 „ (Cheshire), Grammar and Free School, Rev. C. E. Hamilton.



- Stockton-on-Tees, High School, W. S. Waymouth, M.A.  
 Stramongate (Westmoreland), Friends' School, A. H. Eddington, B.A.  
 St. Albans (Herts), London Colney, Tettchenanger Lodge, Mrs. Geddes.  
 St. Andrews (N.B.), West View, T. Hodge.  
 " Clifton Bank School, J. Paterson.  
 St. Ives (Hunts), Middle Class School, J. C. Honeybourne.  
 St. Leonards-on-Sea, 47, Church Road, Preparatory School, Miss Sylvester.  
 " " Eagle House, Romsey Road, Miss Judge.  
 " " West Hill, J. J. Allison.  
 St. Mary Cray, Anglesca House Academy, W. Jarvis.  
 Sunderland, Boys' British School, Norfolk Street, R. Cameron.  
 " Milton House Academy, J. Cameron.  
 " Collegiate School, 21, Derwent Street, P. Wood.  
 " Grange School, Boughton Street, T. McLaren.  
 " Hall School, J. Wood.  
 " 42, Frederick Street, R. McIntyre.  
 Surbiton, Kingston-on-Thames, Gilamont, W. H. Wrench, B.A.  
 " Claremont Villa, Rev. H. J. Wilson.  
 Sutton (Surrey), Malvern House, J. Bawtree.  
 Swansea, Grange House, E. P. Evans.  
 Swindon, Classical and Commercial School, S. Snell.  
 " Sandhill House School. Principal, W. Jenkins.  
 Syston (near Leicester), Hope House, Miss L. Morton.  
 Tadcaster (Yorkshire), J. A. Bromet.  
 " Bramham College, E. O. Haigh, M.A., and F. S. Haigh, M.A.  
 Tamworth (Warwickshire), Middleton Hall, Rev. R. J. Hodgkinson, M.A.  
 Tarvin (Cheshire), Manor House School, J. Chester.  
 Tattenhall, Edgecroft House, Mrs. Birch.  
 Taunton (Somerset), Grosvenor House School, Messrs. Russell and Sons.  
 " Wild Oak School, T. C. McLean.  
 " Mary Street House, Mrs. Reed.  
 Tavistock (Devon), Spring Hill House, W. Winney.  
 " Hill Side, Rev. F. W. Brown.  
 Teignmouth, Coombe Vale School, Rev. R. D. Maxwell, M.A.  
 Thorpe-le-Soken (Essex), Gower House School, A. Wilson.  
 Thrapstone, Hill House, F. Corby.  
 Tiverton, The Middle School, R. T. Matthews.  
 Todmorden (Yorkshire), 56, Wellington Road, B. G. Smith.  
 Tonbridge, Tonbridge Castle, C. M. A. Wanton, M.A.  
 Tottington (near Bury, Lancashire), Holly Mount College. Principals,  
 Messrs. Hudson and Hainsworth.  
 Torquay, St. Luke's Middle School, Firth Garside, M.A.  
 Totnes (Devon), Hill House School, W. L. Emyon.  
 Tranent, East Lothian, George Stiell's Institution. Rector, Henry  
 Rankin, M.A.  
 Trowbridge, Grammar School, Rev. R. R. Bedingfield.  
 Truro (Cornwall), Commercial School, Lemon Street, A. E. Whittaker.  
 " Trevarth House, R. Green.  
 " Classical School, H. H. Davis.  
 Tunbridge, Elm Villa, Hadow Road, G. J. Cumming.  
 Tunbridge Wells, Cambridge House, the Rev. John Taylor.  
 " " Scotsford House, 24, London Road, F. W. Ellis.

- Tunbridge Wells, Grove House, High Street, W. Webber.  
 „ „ 24, Dudley Road, Miss Barnes.  
 „ „ 16, Albion Road, Miss Cox.  
 „ „ Claremont Road, Miss Jacobs.  
 „ „ 18, Albion Road, Miss Jordan.  
 „ „ 3, York Road, Mrs. Moss.  
 „ „ Cliftonville, Upper Grosvenor Road, Mrs. Starmer.  
 „ „ 2, Cumberland Walk, Mrs. Steege  
 Tunstall (near Stoke-on-Trent), Collegiate School, J. T. Earp.  
 Twickenham, Bath House School, Rev. T. S. Jones.  
 „ Belmont House, The Green, Dr. Gayfer.  
 Twyford (Berks), Hare Hatch Lodge, J. C. Trail.
- Uddington (near Glasgow), Carlton House School, James Dick.  
 Uplyme (near Lyme Regis, Dorset), J. E. W. Godden.
- Wakefield, Milverton House, W. Porritt.  
 „ York Street Academy, J. Reyner.  
 „ Back Lane Collegiate School, T. Harrison.  
 „ Smith Street Academy, J. Boden.  
 „ Collegiate School, Rev. J. Harrison.
- Walthamstow (Essex), Grammar School, John Spry.  
 Ware, New Road Hercules Academy, V. Grouvel.  
 Warley (Essex), Arnold House School, Mr. and Mrs. Brook.  
 Warrington, Penketh School, J. Turner.  
 Waterford (Ireland), Diocesan School, J. B. MacFeeters, B.A.  
 Westbrook Hay (Breckonshire), J. A. Rogers.  
 Westbury (Wiltshire), The Middle School, A. Perkins.  
 Westgate, Dunalistair Lodge, Miss White.  
 Weston-Super-Mare, St. Peter's School, R. Duckworth.  
 Westward (Cumberland), The Church School, Rev. R. Woodchur.  
 Weymouth, Stuart House, H. Fudge.  
 Wigton (Cumberland), The Friends' School, M. Lidbetter.  
 Wimbledon Park (Surrey), Sutherland House, Preparatory School, O. Penrose, M.A.  
 „ 13, Homefield Road, C. Brown.  
 „ School of Commerce, J. C. Arlidge.
- Winchester, Modern School. Head Master, Rev. J. L. Ogle, M.A.  
 „ 28, Hyde Close, J. Roach.  
 „ Twyford, The Grammar School, the Rev. L. Wickham.
- Windsor, Salt Hill Grammar School, Rev. B. T. Thompson.  
 Winsford (Cheshire), Darnhall Grammar School, H. Greenhalgh.  
 „ Grammar School, J. Weedon.
- Witney (Oxon), Grammar School, J. J. Heel.  
 „ York House, C. Collier.  
 „ South Leigh, St. James's College, the Rev. the Warden.
- Wokingham, The School, P. M. J. Beechy.  
 Wolverhampton, 29, St. James's Square, A. Hunter.  
 Woodchurch (Kent), Melrose House School, W. E. Wisdom.  
 Woodford, Ann Villa, Stanley Road, B. B. Cockrell.  
 Woolwich, 24, The Common, Rev. C. D. Ramsay.  
 Worcester, Albany House, F. Marcus.  
 „ Blind College, S. S. Forster, M.A.

Worthing, The Steyne, Rev. W. G. Watson, M.A.

„ Giddinap House, S. Tabor.

„ 4, Belle Vue Villas, C. H. Pennell.

„ The College, Rev. J. Gresson.

„ Steine Mansion, G. L. M. Spurgeon.

Wrexham, St. Mark's Terrace, Miss E. H. Long.

Yeovil (Somersetshire), W. T. Batten.

York, Minster Yard, Dr. Bedford.

„ Minster Choir School. Head Master, Rev. A. H. B. Lees, M.A.

„ Crescent Academy, W. Dawson.

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## SUPPLEMENTAL.

Braintree (Essex), Manor Place, Miss Johnson.

Bristol, Radcliffe House, 22, College Road, Clifton, A. Cole.

Grimsarge (near Preston), St. John's College, Head Master, Rev. T. Abbot Peters, M.A.

Crouch End, Hornsey, Oakfields, J. C. Strachan, M.A.

Reading (Berks), 53, Albion Place, Miss Arkell.

High Barnet, London, N., Silesia College, James Russell.

West Worthing, The Electric Engineering College, W. Thackthwaite.

London, 103, Charlotte Street, Fitzroy Square, School of Practical Education and National Shorthand College, C. C. A. Cooper.

Farnborough (Hants), Pinewood, High Class Preparatory School, F. Fabian Brackenbury, M.A.



## NATIONAL UNION OF ELEMENTARY TEACHERS.

OFFICES: NEW COURTS CHAMBERS, 57 AND 58, CHANCERY  
LANE, LONDON, W.C.

The National Union of Elementary Teachers was founded in the year 1870 for the purpose of (*a*) Promoting the spread of Education; (*b*) Bringing practical knowledge to bear on educational legislation; (*c*) Uniting the Teachers of Public Elementary Schools in a strong professional organisation; and (*d*) Watching the interests and advancing the welfare of Teachers. These objects have been extended from year to year, and the growth of the Union since its foundation has been regular and constant. At first the annual subscription was at the rate of 1*s.*, or less, per member. In 1873 the Bristol Conference appointed a paid Secretary, and raised the subscriptions to 2*s.* Notwithstanding this increase, the membership grew, and the further increase to 2*s.* 6*d.* per annum, agreed to by the York Conference, was followed by a similar result. The membership of the Union during 1870 was 400, and the number of Associations 26. In 1881 the number of Associations was 321, and the number of members 13,178.

During the 12 years of its existence, this Society has produced a distinct effect upon public opinion and upon the status of the teacher. It has so far succeeded in organising the profession as to unite under one general bond of union about 13,000 of the Public Elementary Teachers of the country. It has also been the means of preventing much impracticable legislation, and of suggesting many useful amendments to the Education Code.

*Secretary.*—Thomas Edmund Heller.



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LANCASTER PLACE, SAVOY PRECINCT, W.C.

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For 19 years (1864—83) the schools have been held in a hired building within the Precinct. In April, 1883, H.R.H. the Duchess of Albany laid the foundation stone of a new school which will be ready for use early in 1884.

The new building was erected at the cost of Her Majesty, and will be fitted up and furnished at the expense of the members of the congregation of the Chapel Royal, Savoy.

The schools consist of

- (1) A Choir School, in which the Choristers of the Chapel receive a free education.
- (2) A Mixed School of boys and girls dwelling within the Precinct.
- (3) An Infant School.
- (4) A Sunday School.
- (5) An Old Scholars' Club, called the Royal Savoy Club, which promotes in due season athletic exercises,—Rowing, Cricket, Foot-ball, Swimming, and Gymnastic practice in the King's College Gymnasium, kindly lent for the purpose until the new Gymnasium is ready.

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In 1884 H.R.H. the Duchess of Albany will distribute the prizes.

*Chaplain.*—The Rev. Henry White, M.A.







# INDEX II.

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NAMES OF HEAD MASTERS AND  
OTHERS.

# S. Ronan's, WORTHING, SUSSEX.

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**THE REV. PHILIP CRICK, M.A.,**

(ASSISTED BY RESIDENT AND VISITING MASTERS),

*Late Scholar of Pembroke College, Cambridge, and formerly  
Assistant Classical Master at Bradfield College, and  
the Oxford Military College.*

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The Rev. PHILIP CRICK prepares boys for admission into the Public Schools, and special attention is given where parents wish their sons to compete for Entrance Scholarships.

The climate of Worthing is very healthy, and particularly adapted to young and delicate boys. The house is situated in a most favourable position facing the Sea.

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|-------------------------|----|-----|---------|---------|
| For Boarders (under 13) | .. | 80  | Guineas | a year. |
| „ „ (over 13)           | .. | 100 | „ „     |         |

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*THE SCHOOL FEES ARE PAYABLE IN ADVANCE.*

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**N.B.—Exceptional Terms are offered to the Sons of Clergymen.**

**REFERENCES EXCHANGED.**

## INDEX II.

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VIII. The Junior School is preparatory to either department, and is intended for the youngest pupils, from ten years of age and upwards. The course includes Reading, Writing, Spelling, Arithmetic, and elementary teaching of all kinds.

**SCHOLARSHIPS.**—Fourteen House Scholarships, of the annual value of £40 each, open to Classical Candidates under 15, and to Mathematical Candidates under 16 years of age, on December 1st, tenable in the Masters' Houses. The Bishop Philpott and Lygon Scholarships, each of the annual value of £50. The Lea Scholarship of £50 if held in a Master's House, or £30 if held by a Home Boarder. Two Head Master's Scholarships of the value of £50, held in the School House. Twenty minor Scholarships of £15, if held in a Master's House, or of £10 if held by a Home Boarder. The Faber Exhibition of £12, for one year. All the Scholarships entitle to a free Nomination (£6 per annum in addition), and are tenable, subject to conditions as to industry and good conduct, during residence, and vacancies will be annually competed for in December in each year. The value of several of the minor Scholarships may be increased out of a special Augmentation Fund placed at the disposal of the Head Master.

Pupils may be received in any Boarding House, or, if desired, the Head Master will select a house and arrange for the reception of a Pupil. Home Boarders reside only with their Parents or other Guardians approved of by the Head Master. They may, if desired, be admitted into the Houses for evening preparation. The Head Master also undertakes to arrange for the boarding of boys during the Vacations, if the Parents desire it.

More than forty Open Scholarships and Exhibitions at the Universities have been obtained since 1869; besides entries at Woolwich and many lesser distinctions.

For further information apply to the Rev. the Head Master, or E. B. Scallon, Esq., Secretary.

\* Boarding House Masters.

# HIGHGATE SCHOOL,

*Founded by Sir Roger Cholmeley, Lord Chief Justice, 1565.*

*Confirmed by Letters Patent of Queen Elizabeth.*

## GOVERNORS—Co-optative.

Earl Selborne.

W. Ford, Esq.

Lieut.-Colonel Leach, R.E.

J. L. Tatham, Esq.

Viscount Lewisham.

J. B. Dyne, Esq.

And Six Nominated by the Lord Bishop of London, the Lord Chief Justice, the Lord Lieutenant of the County, and the Universities of Oxford, Cambridge, and London.

## HEAD MASTER:

REV. CHARLES MCDOWALL, D.D., Oxon, Prebendary of St. Paul's Cathedral.

|                            |                  |                              |             |
|----------------------------|------------------|------------------------------|-------------|
| First Classman in Final, } | Public Classical | Former Classical Scholar, }  | University  |
| First Classman in First, } | Examination.     | Mathematical Exhibitioner, } | Coll. Oxon. |

And 15 ASSISTANT MASTERS.

The School Buildings, comprising Large Hall and a full complement of Class Rooms, were lately rebuilt, and, being on high ground, the site is very healthy, and strongly recommended as such by the most eminent of the Medical Profession in London. No Public School has equal advantages for Boarders in London or its immediate neighbourhood. The accommodation is perfect, and the Head Master's New Boarding House, built at a cost of over £13,000, is not surpassed in completeness. A new Sanatorium is now being added.

There is a beautiful Chapel attached to the School, and one of the finest Playing Fields in the country; there is also a spacious Gymnasium, with a duly qualified Instructor. The number of boys in the school is over 250.

**SCHOOL FEES.**—Tuition, £24 per annum, payable in advance, in three equal Terminal payments of £8—Boarding, £60 per annum, including Laundress and all House Expenses, but not including Tuition.—Entrance Fee to the School, £1 1s.—Extra: Music (Piano), £2 2s. per term; Gymnasium, £1 per term. Day Pupils can dine at the Head Master's or other Boarding Houses for an extra charge of £4 per term.

**ADMISSION.**—1. All applications for admission must be made to the Head Master.—2. A certificate of good conduct is required before admission, from every boy who has been at any other school, or with a private tutor.—3. Age of admission from eight years.—4. Boarders are received by the Head Master, and by the Rev. W. D. Bodkin and the Rev. R. L. Morris, Assistant Masters. All boarding arrangements are under the supervision and control of the Head Master.—5. No boy attending the school as a Day Pupil is allowed to board with any other person than his parent or guardian without the special sanction of the Head Master.—6. A Full Term's Notice is required before the removal of a boy from the school. Any parent failing to give such notice is responsible for the fee of the term following his son's removal.

**SCHOOL YEAR, VACATIONS, HOURS, etc.**—The School Year is divided into Three Terms.—Vacations: Spring, three weeks, commencing middle of April; Summer, seven weeks, commencing end of July; Christmas, five weeks, commencing about 20th December.

There are numerous Scholarships, Exhibitions, and Prizes.

**SYSTEM OF EDUCATION.**—The School is divided into three branches, the Classical, the Modern, and the Junior.—1. The Classical Branch prepares directly for the Universities, the Indian Civil Service, Woolwich, and the other high competitive Examinations. Subjects of Study: Greek, Latin, Mathematics, Arithmetic, Divinity, French, German, English History, and Literature, Physical Science, Drawing.—2. The Modern Branch prepares for Mercantile Life, the Home Civil Service, and similar Examinations. Subjects: Latin, French, German, Divinity, English, History, Geography, Précis Writing, and Dictation, Arithmetic, Mathematics, Physical Science, Drawing.—3. The Junior Branch includes the two Lower Forms, and the course of instruction provides a sound elementary knowledge of Scripture, History, Latin, Arithmetic, French, and the rudiments of Greek, special attention being given to Writing, Dictation, Geography, and English Reading. Special arrangements are made by which boys reading for the Indian Civil Service, and the more difficult Examinations, can be as fully prepared as by any other private tuition. Throughout the School Modern Languages receive more than the usual amount of attention and time. Physical Science forms part of the regular work in all Forms except in the Two Highest (where it is optional) and the Junior School.

*Further particulars may be obtained from the Head Master, School House, Highgate, N.*

# CHRIST'S COLLEGE,

## FINCHLEY.

*Finchley Station is Seven Miles from King's Cross, on the Great Northern Railway.*

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**Instituted 1857.**

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Head Master :

**The Rev. R. W. GALLOP, M.A.,**

*Late Scholar of Lincoln College, Oxford.*

**A large Resident Staff (13) of Graduates, Modern, French and German, Music, and Drawing Masters.**

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The College has been founded for the purpose of giving a First-class Education at the smallest possible cost. The Pupils are prepared for the Universities, Professions, Military and Naval Colleges, and all Competitive Examinations. No Day-boys are admitted.

There is also a Modern Department, in which boys are fitted for Mercantile Pursuits, attention being chiefly bestowed on the study of Modern Languages, Chemistry, Book-keeping, and the usual subjects of an English Education.

The Bible forms part of the regular instruction throughout the School.

The boys attend service regularly in the College Chapel.

The Buildings are large and convenient, situated in a rural and very healthy district, and have excellent Playgrounds attached to them.

There is an Infirmary at some distance from the School Buildings.

The Senior Boys have the privilege of Private Studies.

Scholarships, varying in number and value, are annually awarded to boys resident in the College.

On the entrance of a boy over twelve years of age a character is required from his former Master or Tutor.

The year is divided into **THREE TERMS**, commencing on or about January 30th, April 25th, and September 12th.

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**EDUCATION, BOARD, LODGING, WASHING, MEDICAL ATTENDANCE,  
SUBSCRIPTION TO PLAYING AND LIBRARY FUND, £20 PER TERM.**

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Prospectus and Entrance Form can be obtained from

**REV. THE HEAD MASTER, CHRIST'S COLLEGE, FINCHLEY, N.**



# THE ABBEY SCHOOL,

## BECKENHAM, NEAR LONDON.

### FOR BOYS FROM EIGHT TO FIFTEEN.

This School was established in 1866 by the present Head. The premises have been from time to time so extended and improved that they now form one of the most complete and attractive private schools in England.

The course of study corresponds with that of the Public Schools; and most of the boys proceed, when they are about fourteen, to one or other of those Schools. During the past seventeen years boys have gone from the Abbey School to Eton, Winchester, Harrow, Charterhouse, Rugby, Marlborough, Westminster, St. Paul's, Merchant Taylors', Cheltenham, Clifton, Haileybury, Repton, Uppingham, Sherbourne, Tunbridge, the Oxford Military College, etc. Scholarships have also been gained at Charterhouse, Westminster, Marlborough, Wellington, Fettes College (Edinburgh), and elsewhere.

The great majority entered on the Classical side of the above Schools; but some, whose parents preferred German to Greek, were prepared for the Modern side. A few boys also, for whom it was important that they should obtain a good practical knowledge of French and German, have been sent abroad when sufficiently advanced in other subjects.

The classes being small—not more than half the size usual in Public Schools—it is possible to give individual attention to every one. There is always a Master in each Schoolroom during preparation time, to keep order, give necessary assistance, and see that the prescribed work is honestly done. The interest of the boys is kept up by changing from one Master to another for the different subjects.

The morning work is broken into two parts by an interval of half an hour for rest and refreshment.

The House stands in about nine acres of ground. The soil is gravel. The buildings were specially designed for a School. Each boy has a small bedroom or cubicle to himself, which no other boy is allowed, under any circumstances, to enter. There are in all about 60 cubicles, into some of which two beds might be put if it were wished that brothers should be together. The Matron sleeps near the younger boys; the Senior Master's room is amongst the cubicles of the older boys. The whole building is warmed by hot water.

In addition to a good Cricket-field, with pavilion, there is a gravel Playground close to the house, a large Play-room, a Gymnasium, two Fives Courts, a Carpenter's Shop, and a Swimming Bath. Boys who are fond of gardening can have a small piece of ground assigned to them for cultivation.

Two rooms almost entirely isolated from the rest of the house are set apart for the use of boys who may happen at any time to be feeling poorly and unable to go on with their work. But all cases of infectious illness are immediately sent to the Infirmary, a separate building at some distance from the School.

Printed inventory forms, with suggestions as to outfit, may be had on application.

The Terms for Board and Tuition (including School Books and Washing) are One Hundred Guineas a year; but a reduction of Ten Guineas each is made for boys under ten, and for brothers (above ten) in the School at the same time. A further payment of One Guinea a school-time covers the expense of Seat in Church, and maintenance of Infirmary, Cricket-field, and School Library. There are no other necessary expenses. A school-time's notice is required before the removal of a pupil.

The fees for the optional subjects are, for each school-time:—Pianoforte, with use of instrument for daily practice, Three Guineas; Drawing, Two Guineas; Carpentering, with access to workshop three days a week, One Guinea.

There are holidays three times a year, coinciding generally with those of the Public Schools; three weeks in the Spring, seven weeks in the Summer, and five weeks in the Winter.

A Prospectus, containing View of the School, List of Referees, and Extracts from Letters of Parents, Head Masters of Public Schools, and Old Pupils, will be sent on application.

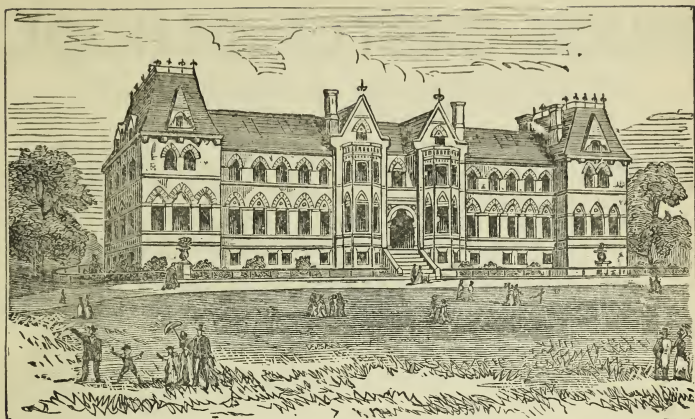
Beckenham is twelve miles from Hyde Park Corner, and can be reached in half an hour from the Victoria, Holborn Viaduct, and Ludgate Hill Stations on the London, Chatham, and Dover Line; or from Charing Cross, Cannon Street, and London Bridge on the South-Eastern.

Boys can be met, if necessary, at any of the London Stations at the beginning of a school-time, and seen off again at the close of it.

The House is about five minutes' walk from Beckenham (Junction) Station.

REV. T. LLOYD PHILLIPS, M.A., PRINCIPAL.

# THE HIGH SCHOOL, MARGATE.



Principal: G. WHARTON ROBINSON, *M.A. OXON.*

*Member of the Council of the College of Preceptors.*

**Plan of Education.**—A good, sound, classical, mathematical, or commercial education is afforded in this School, and it is the aim of the Principal to train each boy with a special view to the career for which he is intended. In order to test his progress, each boy is periodically sent in for some public examination—the senior boys for the London Matriculation and the Oxford and Cambridge Locals, others for the College of Preceptors, and the juniors for the examination established by the Association of Principals of Private Schools. In the general education are included the following subjects:—English in all its branches, French, German, Latin, Greek, Mathematics, Science, and Drawing. Classes are held for Book-keeping and Shorthand, to both of which subjects special care is given. A great number of the boys learn *Music*, both vocal and instrumental; time for lessons and practice is taken out of the school hours in such a way as to prevent the pupils missing too much of their other work. Those boys who can sing are trained in concerted and in Church music; a certain number of them form the choir in the Chapel-of-Ease to the Parish Church. Penny Readings and other *Entertainments* are given from time to time by members of the High School, and any boy who can play, or sing, or recite, is encouraged to do so: The Principal has made it his aim to establish a *sense of honour* and conscientiousness in the School. He makes each boy feel that he is trusted, and responsible in his degree for keeping up the honour and credit of the School; a pleasant and proper feeling is thus established between masters and boys, and an “*esprit de corps*” is engendered, which is essential to the well-being of a large school. A few of the elder boys are chosen as *Monitors*, and greater privileges are accorded to them; the power of punishment is *not* left in their hands, but they overlook the junior boys, and report any misconduct to the masters. A *monthly holiday* is awarded to those boys who earn it by their good conduct. Each boy is encouraged to take part *in the games* of the School—Cricket, Football, Fives, Lawn Tennis, etc. A Gymnasium Class is formed every term for those boys who desire it. At the end of every Summer Term a day is devoted to *Athletic Sports*, which the parents and friends are invited to witness.

**Inclusive Terms.**—For boys under 11, £50 a year.

„ under 14, £60 „  
„ over 14, £72 „

*Books, Stationery, Laundress, and Games' Subscription included.*

# BRUCE CASTLE SCHOOL,

TOTTENHAM, LONDON, N.

ESTABLISHED 1827.

**Head Master** :—REV. W. ALMACK, M.A., St John's College, Cambridge.

## Assistant Masters :

E. BAKER, F.R.G.S., *Bursar and Second Master.*

REV. O. PHILPOTT, M.A., Jesus College, Cambridge, *Senior House Master, Mathematics.*

J. H. ARUNDEL, B.A., New College, Oxford, *Classics.*

P. D. RICHARDS, London, *English.*

L. SORNET, *French.*

Bruce Castle is prettily situated in a Park of upwards of 20 acres, containing excellent Cricket and Football Grounds, also a detached Infirmary ; and though within seven miles of London, has all the advantages of a School completely in the country, being supplied with milk, fruit, and vegetables from its own dairy and gardens. Hot and Cold Baths are attached to the Dormitories, which together with Dining Hall, School and Class-Rooms, are convenient, lofty, and well ventilated. There is a covered Play-Room for wet weather ; a Carpenter's Shop and small Chemical Laboratory ; a Library containing nearly 3000 volumes, to which the pupils have daily access ; and a Reading Club managed by a Committee of Boys and Masters.

The course of Education depends greatly in each case on the line of life for which the pupil is intended ; and boys preparing for the Universities or any special examinations, as Woolwich, Cooper's Hill, Naval, Legal, and Medical "Preliminaries," or for the requirements of commercial life, meet with special *individual* attention ; younger boys intended for the Public Schools are carefully "grounded" with that object.

Within the last few years, Pupils proceeding direct from the School have gained the following honours :—a Wranglership and open Scholarship at Cambridge ; at Oxford—two first Classes in "Finals," a first and second in Moderations, a proxime accessit to the University Junior Mathematical Scholarship, together with two open Scholarships at University College, a high place for Woolwich, also two Scholarships at Marlborough ; while all who have gone to Public Schools have taken extremely good places.

**TERMS** :—Boarders (from 9 years of age) £60 to £100 per annum, according to age.

From time to time the Head Master has at his disposal (by competition or otherwise) a few Entrance Exhibitions.

In case of a boy entering above 14 years of age, special testimonials as to character are required.

*These terms include instruction in Greek, Latin, French, English, and Mathematics ; also School Stationery, and a Seat in Church ; but a charge of One Guinea a Term is made for Laundress.*

The Vacations are a fortnight at Easter, seven weeks in the Summer, beginning about the end of July, and five weeks at Christmas. Special arrangements can be made for Pupils remaining during the holidays.

The most convenient Railway Station is Bruce Grove on Liverpool Street and Enfield branch of the G.E.R.

# 108, LANSDOWNE PLACE, WEST BRIGHTON.

## THE REV. E. WALKER, M.A.,

*Formerly Scholar and Exhibitioner of Sidney Sussex College,  
Cambridge,*

Receives into his house Pupils to be prepared for the Universities,  
Civil Service Competitive Examinations and Public Schools.

Great success has attended the Educational Work at this school; the recent results, without cram, have been the following, viz., since Easter, 1883—

One Entrance Examination Trinity College, Cambridge; One Preliminary Pass Examination, Sandhurst, and thence to Clifton College; One Prize and Honourable Mention at King's College, London; and First Place out of 50 boys Entrance Examination, and the Highest Places of the Second Class Division at Cheltenham College; also Second Place at Wellington College; and similar satisfactory results at Brighton College, at Sherborne, Lancing College, and Repton School.

### TERMS:

|                           |   |   |     |                    |
|---------------------------|---|---|-----|--------------------|
| From 9 to 11 years of age | - | - | 70  | Guineas per Annum. |
| „ 11 to 14 „ „            | - | - | 85  | „ „                |
| „ 14 to 16 „ „            | - | - | 100 | „ „                |
| „ 16 years and upwards    | - | - | 120 | „ „                |

The above Terms include Tuition in Classics, Mathematics, French, and all the ordinary branches of a sound English Education.

|                |   |   |   |   |    |                    |
|----------------|---|---|---|---|----|--------------------|
| Laundress      | - | - | - | - | 4  | Guineas per annum. |
| Seat at Church | - | - | - | - | 1½ | „ „                |

THE YEAR IS DIVIDED INTO THREE TERMS.

A Term's notice, or its equivalent, required before the removal of a Pupil. No allowance made for absence during the Term.



# LINDENTHORPE, BROADSTAIRS,

## KENT.

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MR. W. OAK RHIND prepares boys for the Public Schools ; the course of instruction comprising all the branches of a thorough English Education, with Latin and French.

The salubrious and bracing air of Thanet is well known, and Lindenthorpe occupies one of its healthiest sites, overlooking Broadstairs, with a commanding view of the sea, from which the house is separated by two fields.

MRS. RHIND personally superintends the domestic arrangements. The health, happiness, and moral training of pupils are constantly kept in view ; and out-door games and exercises, such as cricket, football, gymnastics, lawn-tennis, receive due attention. In the bathing season, Mr. Rhind, if desired, teaches the boys swimming.

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### FEES :

|                            |     |     |                       |
|----------------------------|-----|-----|-----------------------|
| Boys under 10 years of age | ... | ... | 50 guineas per annum. |
| Above that age             | ... | ... | 60 „ „                |

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### EXTRAS :

*Music and Drawing 5 guineas each, Washing 3 guineas, Gymnasium and Share in Games 30s., and Seat at Church 12s. per annum.*

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### THE YEAR IS DIVIDED INTO THE FOLLOWING TERMS :—

|             |     |     |                                  |
|-------------|-----|-----|----------------------------------|
| Spring term | ... | ... | 20th January to 14th April.      |
| Summer term | ... | ... | 1st May to 28th July.            |
| Autumn term | ... | ... | 12th September to 20th December. |



# BARHAM HOUSE,

## ST. LEONARDS-ON-SEA.

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The REV. J. WRIGHT, M.A., Trinity College, Cambridge (Senior Optime and First Classman in the Classical Tripos); and the REV. ROBERT H. WALKER, M.A., Wadham College, Oxford (First Class Mathematics, and First Class Physical Science), for nine years a Mathematical Master at the Royal Military College, Sandhurst; assisted by two Graduate Masters, educate about thirty boys between the ages of eight and fifteen.

The education is chiefly such as prepares boys for the public schools; but it is at the same time general and thorough. French is taught throughout the School by a Graduate of Paris; German can be substituted for Greek in special cases; Drawing is taught by the Master of the School of Art in connection with South Kensington. All the boys are regularly drilled.

The whole School is continually examined, so that not only is the knowledge of the boys well tested, but they acquire a facility for passing examinations in other places. Many of them have obtained Scholarships at Winchester, Harrow, Wellington, Radley, and other Schools.

Barham House stands in its own grounds on a hill in the healthiest part of St. Leonards. It was built expressly for a School, and is provided with every convenience for the purpose; the play-ground is large, and there is a covered play-hall for wet weather and for drill. A private field for cricket and football is at a short distance from the house. In the summer terms the boys bathe in the sea; at other seasons the large baths at Hastings afford the opportunity of bathing and of receiving instruction in swimming. There is a Sanatorium at a short distance from the house.

The boys are escorted by a Master from and to London.

The yearly charge, which includes French, Drilling, and Laundress, is a hundred and twenty guineas.

The year is divided into Three Terms, as at Eton and Harrow. A Term's notice is required before the removal of a Pupil.

References to parents of pupils and others.

Applications are to be addressed to the REV. R. H. WALKER.

WALLINGFORD HOUSE,  
WESTBOURNE PLACE,  
EATON SQUARE,  
LONDON, S.W.

---

MR. E. S. CROOKE, B.A. Cantab.  
*(Classical and Mathematical Honours),*

Formerly Master in Marlborough College,

Prepares Resident and Non-Resident Pupils for the Universities,  
for the Indian and First-class Home Civil Services, for Wool-  
wich, Sandhurst, and other Examinations.

MR. CROOKE is assisted by some of the best Tutors and Lecturers  
in London, and a large share of individual attention is given to  
each Pupil.

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*Further particulars and References on application.*

# ST. CATHERINE'S LODGE

(FACING THE SEA),

## WEST BRIGHTON.

### THE MISSES MOATE,

Assisted by a RESIDENT AND VISITING MASTERS, receive the sons of Gentlemen to prepare for the Public Schools.

The course of instruction comprises GREEK, LATIN, FRENCH and the usual course of a sound ENGLISH EDUCATION.

#### TERMS.

FORTY-FIVE GUINEAS PER ANNUM.

|                                | £ | s. | d. |            |
|--------------------------------|---|----|----|------------|
| Music .. .. .                  | 6 | 6  | 0  | per annum. |
| Drawing .. .. .                | 6 | 6  | 0  | „          |
| Laundress .. .. .              | 4 | 4  | 0  | „          |
| Seat in Church .. .. .         | 1 | 5  | 0  | „          |
| Subscription to County Cricket |   |    |    |            |
| Ground .. .. .                 | 0 | 10 | 6  | „          |
| Dancing .. .. .                | 2 | 2  | 0  | one Term.  |
| Drilling .. .. .               | 2 | 16 | 0  | two Terms. |

*Each Young Gentleman to be provided with a Fork, Spoon, Four Table Napkins, and Six Towels.*

THE YEAR IS DIVIDED INTO THREE TERMS.

NOTICE OF THE REMOVAL OF A PUPIL IS REQUIRED AT THE COMMENCEMENT OF THE PREVIOUS TERM.

Special arrangements made for children whose parents are in India.

# UPPER ST. LEONARD'S SCHOOL, LATE INVERLEITH HOUSE, ST. LEONARD'S-ON-SEA.

*Principal*—MR. CHARLES E. MARRIOTT, Cantab.

*Head Master*—MR. J. T. PUGHE, Oxon.

*With a Staff of Assistant Masters.*

*French*—MR. PAUL GIRARD, Univ. of Paris.

*Drawing and Painting*—MR. M. SULLIVAN, Head Master of the School of Art, Hastings.

*Drill and Gymnastics*—MR. R. C. QUICK.

The object of this School (which is divided into Upper and Lower) is to give to the sons of Gentlemen a sound Education, based upon Church principles. The subjects of Instruction include Classics and Mathematics, French, and the usual branches of a general Education. There is also a Modern Side. Special preparation for all the Public Schools, Woolwich, Sandhurst, to the age of 15 or 16, and the *Britannia*. Private Chapel. Gymnasium and Cricket Field, Swimming Bath (salt water), 40 feet by 20 feet, Carpenters' Shop attached to the School. The Pupils are under the constant supervision of the Principal and Head Master. The domestic arrangements are on a liberal scale, and are entirely under the care of the wife of the Principal and her sister.

## TERMS.

For Pupils over Twelve Years of Age, 70 Guineas per annum; under Twelve, 60 Guineas per annum.

### EXTRAS.

|                         |                     |                       |                     |
|-------------------------|---------------------|-----------------------|---------------------|
| Sanatorium .. .. .      | 1 Guinea per annum. | Dancing .. .. .       | 2 Guineas per Term. |
| German .. .. .          | 2 Guineas per Term. | *Gymnasium .. .. .    | 1 " "               |
| Music .. .. .           | 2 " "               | Swimming Bath .. .. . | 1 " "               |
| Singing .. .. .         | 1 " "               | *Laundry .. .. .      | 15s. "              |
| Drawing and Painting .. | 2 " "               |                       |                     |

*Optional, except those marked with an asterisk.*

The sons of parents residing in India or elsewhere can remain at School during the vacations (but an inland change is always given to such), in which case the terms are:—Over Twelve years of age, 100 Guineas per annum; under Twelve, 90 Guineas per annum.

A Term's notice is required previous to the removal of a pupil. The Terms (each consisting of 13 weeks) commence about January 20th, May 10th, and September 20th.

A Saloon under the control of a master will be in readiness to convey boys to and from London.

Testimonials and further particulars on application. Day Boys are not received.

## REFERENCES.

The Marquis of Londonderry, Londonderry House, Park Lane, London.

Lord Henry Vane Tempest, 2nd Life Guards.

Major N. Barnardiston, The Ryes, Sudbury, Suffolk.

The Rev. W. H. Meade Buck, Vicar of Seaford, Sussex.

The Rev. Douglas Blakiston, M.A., Vicar of East Grinstead, Surrey.

H. Burkinyoung, Esq., 85, Cromwell Gardens, Queensgate, London.

The Rev. W. H. Cleaver, M.A., Willesden House, Willesden, London.

A. C. Johnson, Esq., M.A., R.N.. H.M.S. *Britannia*.

T. Harvey Johnson, Esq., R.N., H.M.S. *Achilles*.

The Rev. John Martin, M.A., Incumbent of St. Andrew's, Cambridge.

The Rev. J. O'Brien, D.D., Incumbent of St. Patrick's, Hove, Brighton.

Col. Willoughby Osborne, C.B., Iridge Place, Hurst Green, Sussex.

J. Penhall, Esq. M.D., F.R.C.S., 5, Eversfield Place, St. Leonards-on-Sea.

Benjamin Rowsell, Esq., 24, Belmont Park, Lee, Kent.

The Rev. H. M. Scarth, M.A., Hon. Canon of Wells Cathedral, Rector of Wrington, Somerset.

The Rev. A. Simpson, M.A., Rector of Fittleworth, Pulborough, Sussex.

The Rev. J. H. Simpson, M.A., St. Mark's, Bexhill, Sussex.

E. Spearman, Esq., 3, Grenville Place, S. Kensington.

The Rev. Robert Williams, Hon. Canon of St. Asaph Cathedral, Rector of Llanfyllin, Montgomeryshire, N.W.

R. J. Wilson, Esq., M.D., F.R.C.S., 7, Warrior Square, St. Leonards-on-Sea.

W. B. Young, Esq., The Grove, St. Leonards-on-Sea.

The Rev. F. Thorp, Burton Overy Rectory, Leicestershire.

And other Parents of Pupils.

Special reference to the following Officers, whose sons are now pupils at the School:

Major-General I. D. Mein, Royal (Madras) Artillery, United Service Club.

Lieutenant-Colonel Perreau, Bengal Staff Corps, Military Accountants' Department, Poonah.

Major J. L. Fagan, Bombay, S.C.

Major George E. Hancock, Political Department, Kalthiawar, Bombay.

Major T. Chichele Plowden, Deputy Commissioner, Kohut, Punjab Frontier.

Major E. G. Fenn, 33rd (Duke of Wellington's) Regiment, Lucknow.

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# RAVENSHALL.

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## WEST CLIFF, BOURNEMOUTH.

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The Rev. E. KENWORTHY BROWNE, M.A.,

NEW COLLEGE, OXFORD, AND OF RUGBY SCHOOL,

Assisted by the REV. J. BYRNE, M.A., Trinity College, Dublin, ex-Scholar and Moderator, and other Masters, receives a limited number of Young Men as Pupils for

### MATRICULATION, ARMY, AND OTHER EXAMINATIONS.

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**RAVENSHALL** is beautifully situated on the West Cliff, outside the town, and facing the Sea. The House is fitted with every convenience and comfort, and is admirably suited for its purpose. There are two Lawn Tennis Courts in the grounds.

**MR. KENWORTHY BROWNE** devotes special attention to backward and delicate Pupils, especially to those who on account of health or other causes are unsuited to Public School life, and to whom the dry and healthy climate of Bournemouth offers such great advantages as a health resort. Boating, Bathing, and Sea Excursions, Cricket, and good Lawn Tennis Clubs are open all the year round, and form the chief recreations.

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TESTIMONIALS OF CHARACTER AND CONDUCT ARE REQUIRED  
WITH EACH PUPIL.

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THE YEAR IS DIVIDED INTO THREE TERMS OF TWELVE WEEKS  
EACH.

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FEES FOR BOARD AND EDUCATION :  
£200 A YEAR, OR £70 PER TERM.

Payable each Term in advance.

WINE OR LAUNDRESS ARE NOT INCLUDED.

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### References:

The Right Rev. G. MOBERLY, D.C.L., Bishop of Salisbury.  
The Very Rev. C. J. VAUGHAN, D.D., Dean of Llandaff, and Master of the Temple.  
The Rev. Canon MILLARD, D.D., Vicar of Basingstoke.  
A. ROBINSON, Esq., M.A., Fellow and Tutor of New College, Oxford.  
Masters of Winchester, Eton, Harrow, Rugby, Marlborough, and Cheltenham.  
And Parents of former Pupils on application.



# WOKING COLLEGE, WOKING, SURREY.

Head Master: THE REV. C. W. ARNOLD, M.A.,

*Prizeman and Wrangler of Trinity College, Cambridge, late Head Master of the Royal Naval School, New Cross, and formerly Head Master of King Edward's School, Chelmsford.*

The regular course of Instruction is the same as that pursued in the Public Schools, with *special preparation* when required. Boys are prepared for the Universities, Public Schools, Army, Navy, Woolwich, Civil Service, and other Professional or Competitive Examinations, in which the Head Master has had great experience.

German is substituted for Greek when desired.

Boys destined for mercantile or commercial life are carefully prepared in all subjects required including French and German correspondence, and Book-keeping.

The great aim is *thorough teaching*; nothing superficial is attempted. There are three Resident Masters. The Head Master takes a portion of the work in *every* class, and examines each class weekly in that part of the Classical work which he has not taught personally, so that he may know accurately what progress each boy is making.

## TERMS.

|                        |        |    |                    |
|------------------------|--------|----|--------------------|
| For Boys under 12      | ... .. | 60 | Guineas per annum. |
| „ between 12 and 16... | 70     | „  | „                  |
| „ above 16             | 80     | „  | „                  |

These terms include Board, Washing, and Tuition in the following subjects:—Divinity, Latin, Greek, French, German, English Grammar, Composition, and Analysis; Mathematics, Arithmetic, Natural Science, History; Geography, Political and Physical; Mapping, and Book-keeping.

## EXTRAS.

|                        |        |    |                   |
|------------------------|--------|----|-------------------|
| Drawing...             | ... .. | 2  | Guineas per Term. |
| Music                  | ... .. | 2  | Guineas „         |
| Use of Piano           | ... .. | 10 | Shillings „       |
| Drilling and Gymnasium | 7      | „  | „                 |

Boys whose parents are abroad can remain during the holidays at a charge of 30s. a week

Examinations take place at Midsummer and Christmas. The former is conducted by a graduate of Oxford or Cambridge, by whom the prizes are awarded.

Reports are sent home at the end of each term.

There is a detached Infirmary on the premises; also workshops and gardens for boys.

Woking is situated in a very healthy neighbourhood, on gravel and sand soil. There are two large Play-fields, in one of which there is a good and safe bathing place, where swimming is taught by a master.

The school-house is situated near the church, about a mile from the heath (to which all boys have leave), and a mile and a half from the station (45 minutes from Waterloo).

## THE YEAR IS DIVIDED INTO THREE TERMS.

|             |        |                               |
|-------------|--------|-------------------------------|
| Spring Term | ... .. | from Jan. 22nd to April 16th. |
| Summer      | ... .. | „ May 1st to July 25th.       |
| Autumn      | ... .. | „ Sept. 14th to Dec. 18th.    |

Pupils are required to return punctually on the first day of each Term. New boys are expected on the *second* day of Term.

*Notice must be given one Term previously to removal.*

## Reference may be made to

The Right Hon. the Earl of Onslow.  
The Right Rev. the Bishop of Gloucester.  
The Right Rev. the Bishop of St. Albans.  
The Right Rev. the Bishop of Truro.  
The Right Rev. the Bishop of Rangoon.  
The Very Rev. the Dean of Winchester.  
The Rev. the Master of Trinity College, Cambridge.  
Sir G. Burrows, Bart., M.D. (Physician to the Queen), 18, Cavendish Square, London.

Admiral Sir Sydney Dacres, G.C.B., Pirbright, Surrey.  
General Sir A. Little, K.C.B., Upton House, Tetbury.  
General J. S. Brownrigg, C.B., Ashford House, Staines.  
C. Walpole, Esq., C.B., Chobham, Surrey.  
The Rev. W. Haig-Brown, LL.D., Head Master of the Charterhouse, Godalming.  
The Rev. Prof. Drew, King's College, London.

*And many others.*

# Preston Grammar School.

PATRONS : THE MAYOR AND CORPORATION.

HEAD MASTER :

THE REV. ALFRED BEAVEN, M.A.,

Fellow of the Royal Historical Society, late Scholar of Pembroke College, Oxford; formerly Exhibitioner of Exeter College, Oxford; First Class Oxford Local Examination (Senior), 1861; Second Class in Classics (Moderations), 1866; Second Class in Mathematics (Moderations), 1866; Second Class in Law and Modern History, 1868; Second at the Indian Civil Service Examination, 1868.

SECOND MASTER: MR. W. M. MADDOX, M.A.,

Late Scholar of Jesus College, Oxford; First Class Oxford Local Examination (Senior), 1872; Second Class in Classics (Moderations), 1875; Third Class in Classics (Final Schools), 1877.

SENIOR MATHEMATICAL MASTER: MR. GEORGE ROGERSON, B.A.,

Worcester College, Oxford, Second Class in Mathematics (Moderations), 1879; (Final Schools), 1881.

ASSISTANT MASTERS:

MR. A. F. ATKINSON, First B.A. University of London; Honours at Matriculation.

MR. F. BAZLEY OSBORNE.

MR. WALTER R. H. PUGHE, M.A. (Oxon).

DRAWING MASTER—MR. GILBERT.

## TERMS.

### TUITION FEES.

|                                  | Per ann. |
|----------------------------------|----------|
| Boys over 12 years of age - - -  | 10 gs.   |
| „ between 10 and 12 years of age | 8 gs.    |
| „ between 8 and 10 „ - -         | 6 gs.    |
| „ under 8 years of age - - -     | 4 gs.    |

### EXTRAS.

|                         |       |
|-------------------------|-------|
| French and German - - - | 2 gs. |
|-------------------------|-------|

### EXTRAS (continued).

|                     | Per ann. |
|---------------------|----------|
| Drawing - - - - -   | 2 gs.    |
| Chemistry - - - - - | 10s.     |

### BOARDING FEES.

|                         |        |
|-------------------------|--------|
| Full Boarders - - - - - | 45 gs. |
| Weekly ditto - - - - -  | 40 gs. |
| Daily ditto - - - - -   | 15 gs. |

The School Course is divided into Three Terms. Fees payable terminally in advance. A Term's Notice is required before the removal of a Pupil, or, in default, a Term's Fees. There are Six Scholarships of £10 per annum, tenable for three years, attached to the School, open to boys who have attended regularly for not less than three years, and who are under 16 years of age at the time of Examination. There are also two "Harris Scholarships," one of £70 per annum, and the other of not less than £50 per annum; and a "Miller Exhibition" of £40 per annum, each tenable for four years, and open to boys of three years' standing, who proceed from this school to either of the Universities.

In 1882 and 1883 this School obtained 63 Certificates at the Oxford Local Examinations, including the 9th, 17th, 23rd, and 24th places in the First Class Senior, and the 3rd, 4th, 13th, 20th, 26th, 27th, 36th, 52nd, and 65th in the First Class Junior (General Lists); also 4 Certificates to excuse Responsions and the following places in special subjects.

*Senior.*—6th, 18th, 19th, and 49th (twice) in First Class in English; 4th, 34th, and 41st in First Class in Languages; 8th in First Class in Mathematics; 14th and 19th in Latin; 8th, 11th, 17th (twice), and 19th in Greek; 9th in German.

*Junior.*—1st, 4th, 7th, 20th, and 21st in Religious Knowledge; 2nd, 3rd, 6th, 11th, 12th, 19th, 24th, 25th, and 32nd in Greek; 3rd, 8th, 18th, and 39th in Latin; 8th, 9th, 10th, 15th, (twice), 22nd, 37th, and 38th in Mathematics; 18th, 33rd, and 39th in English; 32nd and 34th in Mechanics; 5th in French; 21st and 35th in Chemistry.

The youngest junior boy in 1880 and the two youngest junior boys in 1883 were from this School, which has likewise gained since 1881 two distinctions (in Mathematics and Divinity) at the Oxford and Cambridge Board Examination, a Tancred Divinity-Studentship at Christ's College, Cambridge; an open Scholarship at the same college; a Sizarship at St. John's College, Cambridge; Honours in Mathematics and History at Oxford; and an open Scholarship at Cavendish College, Cambridge.

ALRESFORD HOUSE SCHOOL,  
EATON ROAD

(Extending from the Grosvenor),

M A R G A T E.

CONDUCTED BY MRS. HERBERT,

Assisted by Resident and Visiting Masters and Governesses.

Senior Boys taught wholly by Masters.

Pupils prepared for the Oxford and Cambridge Local and College of Preceptors' Examinations, also for entry into Public Schools.

The School is situated in the healthiest part of Margate, which town is notably a most healthy place, and children especially benefit by its bracing air.

The premises are commodious, with large open playground attached, and cricket field a few yards distant.

Athletic Sports are held annually, Cricket, Football, and other games in their seasons, every facility being afforded for wholesome recreation.

References are kindly permitted to parents of past and present pupils ; also to Clergymen, Doctors, and others in the town.

TERMS PER ANNUM.

Board and Instruction in all the branches of an English Education, with Latin :

|                                       |    |                    |
|---------------------------------------|----|--------------------|
| From Six to Nine years of age . . . . | 30 | Guineas per annum. |
| „ Nine to Twelve „ . . . .            | 35 | „ „                |
| Above Twelve „ . . . .                | 40 | „ „                |
| Drilling . . . . .                    | 1  | Guinea „           |
| Music . . . . .                       | 4  | Guineas „          |
| Ditto by a Master . . . . .           | 6  | „ „                |

French, German, Greek, Drawing, Singing, Dancing, and Swimming, taught on the usual terms ; also Chemistry, Physiology, etc., if required.

Laundress, Three Guineas per annum.

Each young gentleman has a separate Bed, and is expected to be provided with six Towels, one Knife, Silver Spoon, two Forks and Serviettes, which will be returned.

Parents leaving England can have their sons educated, clothed, and taken care of during the vacations. Particular care and attention given to delicate boys.

When desirous of removing their sons, parents are requested to give a full term's notice.

# HILLSIDE SCHOOL,

## WEST MALVERN.

THE REV. EDWARD FORD, M.A.,

(ST. JOHN'S COLLEGE, CAMBRIDGE,)

Assisted by his sons, by a Graduate in Classical Honours of Cambridge, and by a Resident Foreign Language and Music Master, receives boys to prepare for the Public Schools, Professions, Universities, etc.

Hillside School has been established for some years, and Pupils have entered well from it at Eton, Harrow, Rugby, Winchester, Charterhouse, King's College, London, Marlborough, Shrewsbury, Radley, Wellington College, and at other large Schools; also many have passed well in Military, Naval, and Preliminary Law Examinations, and several have taken high Degrees at Cambridge.

Within the last  $2\frac{1}{2}$  years One Foundation Scholarship at Winchester, One Mathematical Exhibition at Malvern College, and One Entrance Scholarship at Sodberg.

The School is most beautifully situated on the western slope of the Malvern Hills, and has been specially adapted for first-class Pupils.

The Dining Hall and Schoolroom (which are large and lofty) are heated with hot water in winter, and are ventilated with Sheringham's and Howorth's Ventilators.

*Large SWIMMING BATH, covered and heated in cold weather.*

Very large covered Play-room, well furnished with Gymnastic Apparatus, etc.  
Carpenter's Rooms.

*Good Cricket and Football Fields, Large Fives Court.*

LARGE TENNIS COURT, SCHOOL CHAPEL, AND SANATORIUM AT SOME DISTANCE FROM THE SCHOOL.

LARGE BOYS' LIBRARY OF CAREFULLY SELECTED BOOKS.

*Drinking water from one of the best springs on the Hill.*

GROUND'S OPENING OUT IMMEDIATELY ON TO THE HILL.

TERMS—70, 85, and 100 Guineas per annum according to age.

References.—Rev. Dr. VAUGHAN, Master of the Temple; Rev. Dr. HAIGH BROWN, Head Master of Charterhouse; and Parents of past and present Pupils.

# SKELSMERGH HOUSE SCHOOL, DALBY SQUARE, CLIFTONVILLE, MARGATE.

ESTABLISHED TWENTY YEARS.

HIGH-CLASS SCHOOL FOR SONS OF GENTLEMEN.

HEAD MASTER, MR. G. N. HESTER (London),

Assisted by resident and visiting Masters.

## THE TERMS,

*which include Board and Instruction in Religious Knowledge, Reading and Spelling, Writing, Book-keeping, Arithmetic, Mathematics, Geography, History, English Literature, Grammar and Composition, Latin, Greek, French, German, Drawing, and Music, are as follows:—*

|               | BOARDERS.   | WEEKLY BOARDERS. | DAY SCHOLARS. |
|---------------|-------------|------------------|---------------|
| Boys under 12 | 50 Guineas. | 45 Guineas.      | 12 Guineas.   |
| Boys over 12  | 60 Guineas. | 55 „             | 15 „          |

## EXTRAS :

German, 4 Guineas; Violin, 6 Guineas; Piano, 4 Guineas; Singing, 1 Guinea; Laundress, 3 Guineas; Pew-Rent, 10s.; Drilling, 10s.

A Reduction for Brothers. Inclusive Terms may be made if desired.

Pupils prepared for the College of Preceptors' and the Oxford and Cambridge Local Examinations.

The School work is tested by Periodical Examinations. Special attention is paid to neatness of arrangement and writing in all Exercises and Examinations.

The greatest attention is given to the Health, Personal Comfort, and Moral and Religious Training of the pupils.

The House is modern and unequalled in Margate; it is close to the sea, and yet sheltered from the winds; it has a large play-ground, and the cricket-field is close at hand. The class-rooms and dormitories are large and lofty. It has two bath-rooms, and hot and cold water throughout. The drainage is perfect.

In connection with the above a Preparatory School is conducted by Mrs. G. P. HESTER (widow of the late Rev. G. P. HESTER), assisted by resident Governesses.

Each Young Gentleman has a separate bed, and is expected to be provided with six towels, table napkins, a knife, and a silver spoon and fork.

The School Year is divided into Three Terms.

A Term's Notice is required previous to the removal of a pupil. Payments required at the end of each term.

Margate is justly considered one of the most healthy towns of England, and Skelsmergh House being situated in the highest part, the Pupils have all the benefit of its pure atmosphere and sea-breezes.

## References are kindly permitted to

The Rev. W. Benham, B.D., Rector of Marden.  
Dr. Rowe, Cecil Street, Margate.  
The Rev. P. Dowe, Barnet, Herts.  
Mark Sanderson, Esq., Margate.  
Dr. Goldsmith, Bedford.

The Rev. J. Bonser, B.A., Hastings.  
The Rev. Mark Guy Pearse, Launceston.  
The Rev. Jackson Wray, Whitfield Tabernacle.  
W. C. Hudson, Esq., 5, Gilbert Villas, Brixton  
Rev. J. Bond, Wandsworth. [Rise.

*Also the Parents of past and present Pupils.*



**MRS. JOHNSON'S**  
**PREPARATORY SCHOOL FOR YOUNG**  
**GENTLEMEN,**  
*190, ADELAIDE ROAD, SOUTH HAMPSTEAD,*  
**LONDON, N.W.**

MRS. JOHNSON, assisted by competent Masters, receives a number of Pupils—sons of Gentlemen—to be prepared for the PUBLIC SCHOOLS.

The year of Study is divided into Three Terms, commencing in January, April, and September.

**FEES.**

|                 |     |     |     |                       |
|-----------------|-----|-----|-----|-----------------------|
| Resident Pupils | ... | ... | ... | 50 Guineas per Annum. |
| Weekly Boarders | ... | ... | ... | 45 Guineas per Annum. |
| Laundress       | ... | ... | ... | 3 Guineas per Annum.  |
| Seat in Church  | ... | ... | ... | 1½ Guineas per Annum. |

The above Fees include thorough instruction in the usual branches of a sound English Education, with Mathematics, French, and Drawing.

**A RESIDENT FOREIGN GOVERNESS.**

A Kinder-Garten Class for Young Children from four to six years of age.

A Term's Notice required previous to the removal of a Pupil.

**OPTIONAL EXPENSES.**

|          |     |     |                                 |
|----------|-----|-----|---------------------------------|
| Latin    | ... | ... | 4 Guineas and a Half per Annum. |
| Greek    | ... | ... | " " "                           |
| German   | ... | ... | " " "                           |
| Music    | ... | ... | " " "                           |
| Dancing  | ... | ... | " " "                           |
| Drilling | ... | ... | 3 Guineas per Annum.            |

Little boys from abroad taken entire charge of, for whom special arrangements are made and payments in advance required.

Each boy to be provided with a knife, two silver forks and spoon, six towels, and four serviettes.

Separate Beds—Good Bath Room and Play Ground.

**REFERENCES KINDLY PERMITTED TO PARENTS OF PUPILS, AND TO**

The Rev. E. H. Nelson, M.A., 10, Ormond Terrace, Primrose Hill.

The Rev. F. Calder, M.A., The Rectory, Wingerworth, near Chesterfield.

The Rev. Thomas Turner, K.C.L., Chaplain Superintendent, "The B.ys' Home," Regent's Park Road.

The Chevalier A. J. da Costa Ricci, 86, Ladbroke Grove, Notting Hill, W.

W. T. Eley, Esq., Aberdeen House, Adelaide Road, N.W., and Oxhey Grange, near Watford, Herts.

J. Harnar, Esq., New Hall Street, Birmingham.

J. H. Hunter, Esq., 40, Gloucester Crescent, Hyde Park, W.

J. E. Stuart, Esq., Fairview, Arkwright Road, Hampstead, N.W.

# THE GRANGE, UPPERTON, EASTBOURNE, SUSSEX.

FREDERICK HOLLINS, M.A.,

Formerly Scholar of Emanuel College, Cambridge, and late Assistant Master of Cheam School ; and

THE REV. FRANK WYNYARD WRIGHT, B.A.,

St. John's College, Oxford. late Rector of Hedsor, Bucks ;

With the assistance of other Masters,

Receive Boys from 7 to 15 years of age, to prepare for the Public Schools, Navy, etc.

## TERMS:

|                             |    |    |                                |
|-----------------------------|----|----|--------------------------------|
| Boys under Ten years of age | .. | .. | Eighty Guineas per annum.      |
| „ over                      | „  | „  | One Hundred Guineas per annum. |

An additional Wing has been added to the Grange, thus completing the original plan of the house. The advantages gained are—(1) A larger Schoolroom and more Class-rooms ; (2) A certain amount of Dormitory accommodation on the Cubicle System ; (3) Improvement in Lavatory and other arrangements.

The course of instruction includes Religious Knowledge, Classics, Mathematics, French, English, History, Geography, Writing, and Drill.

The hours of work consist of three hours in the morning, two in the afternoon (except on Wednesday and Saturday, which are half holidays), and one hour of preparation in the evening.

There are three weeks' holidays at Easter, seven in the Summer, and five at Christmas.

A weekly allowance of pocket-money is made to each boy, and charged in his account.

The Grange was built in 1878, expressly for School purposes, in the healthiest part of Eastbourne ; the sanitary arrangements have been made according to the advice of an eminent London Physician ; special care has thus been taken to ensure perfect dryness, drainage, and ventilation.

A detached Sanatorium has recently been built at a convenient distance from the Grange, and is under the charge of an experienced lady, to act as matron in case of illness. A large Play-room has also been added as a covered Playground in bad weather.

The grounds of the Grange afford ample space for Cricket, Football, and other games. New Fives Courts have recently been added, and a large Play-room as a covered Play-ground in bad weather.

Eastbourne is noted for one of the finest salt-water baths in England, and every encouragement is given to the boys to learn to swim.

The climate of Eastbourne is essentially bracing, and is specially recommended as suitable for young or delicate children.

Eastbourne, 3 miles from Beachey Head, is 23 from Brighton, 18 from Hastings, and 66 from London. It is reached in 2 hours from Victoria and London Bridge Stations.

## REFERENCES.

The Lady Boston, Hedsor, Maidenhead.

The Right Rev. the Lord Bishop of Manchester, Bishop's Court, Manchester.

The Right Hon. Lord Lyttelton, Hagley, Worcestershire.

The Rev. C. J. Vaughan, D.D., the Master of the Temple, London (The Very Rev. the Dean of Llandaff).

Sir R. Anstruther, Bart., 3, Onslow Gardens, Brompton, S.W.

Admiral Sir Thomas Sabine Pasley, K.C.B., Bart., Moorhill, Fareham, Hants.

Colonel Sir Francis W. Festing, C.B., K.C.M.G., 3, Beaufort Gardens, South Kensington, W.

The Ven. Archdeacon Anson, Birch Rectory, Manchester.

The Ven. Archdeacon Maddison, the Rectory, Richard's Castle, Ludlow.

The Rev. W. Baker, D.D., Head Master, Merchant Taylors' School, London.

John Barker, Esq., Oakdale, Broomhall Park, Sheffield.

**STONELEIGH HOUSE,**  
**ST. HELEN'S CRESCENT**  
*(Opposite the Alexandra Park),*  
**HASTINGS.**

**Preparatory School for Young Gentlemen.**  
 Conducted by **MISS TILLY.**

THE SCHOOL YEAR IS DIVIDED INTO THREE TERMS, EACH OF ABOUT  
 THIRTEEN WEEKS.

A Term's Notice required previous to the Removal of a Pupil.

**TERMS** (payable in advance).

Boarders ... .. 40 Guineas per annum.

*The above terms include the following branches of study:—*

HISTORY, GEOGRAPHY, GRAMMAR, COMPOSITION,  
 WRITING, ARITHMETIC,  
 ENGLISH LITERATURE, MAPPING,  
 SCRIPTURE HISTORY, DRAWING, AND LATIN.

Progress is tested by examination each term, and at the end of summer prizes are awarded.

**EXTRAS.**

|                      |                      |
|----------------------|----------------------|
| Music ... ..         | 6 Guineas per annum. |
| Singing, Solo ... .. | 4 " "                |
| " Class ... ..       | 1 " "                |
| French ... ..        | 4 " "                |
| German ... ..        | 4 " "                |
| Laundress ... ..     | 4 " "                |
| Drilling ... ..      | 1½ " "               |

Fee for the use of Plate and Linen by Resident Pupils (if not provided) One Guinea per annum.

Boys prepared for the Local Examinations or Public Schools if desired.

**References given and required.**

# LINTON HOUSE SCHOOL,

10, HOLLAND PARK TERRACE, NOTTING HILL, W.

*JAMES HARDIE, M.A., Principal.*

## MASTERS.

English, Latin, Greek, &c.—The PRINCIPAL, Mr. H. HANFORD (London University), Mr. R. M. THOMAS, B.A. (Lond.), Mr. Wm. F. DUNCAN (Prize-man, Trin. Coll., Dublin), Mr. J. T. HILDITCH (Honoursman, Trin. Coll., Dublin), Mr. J. HENDERSON (Training Coll., Edin.).  
 French—Mons. H. A. DE JOANNIS, M.A., B.Sc.  
 German—Herr HERMANN KLEIN (University of Königsberg).  
 Pianoforte—Mons. Ernest F. MOTTE (Premier Lauréat du Conservatoire de Bruxelles).  
 Flute—Herr A. JENSEN (Roy. Acad. of Mus.).  
 Violoncello—Mons. B. ALBERT.  
 MUSIC GOVERNESS.

Class Singing—Mr. H. STEVENSON (Mem. of Council, Tonic Sol Fa Coll.).  
 Dancing—Mr. EDWARD LAWSON.  
 Drawing—Mr. F. R. STOCK.  
 Swimming—Mr. C. WHYTE (late Instructor at Harrow).  
 Drill and Gymnastics—Mr. A. M. CHIOSSO (late Prof. of Gymnastics, University Coll., Lond.).  
 ENGLISH GOVERNESS.

Linton House is a High Class Private School for sons of gentlemen. The course of instruction includes English in all its branches, Latin, Greek, French, German, Writing, Arithmetic, Algebra, Geometry, and Natural Science. The first and constant aim of the School is to give the pupils a thorough grounding in the elementary parts of each subject, as this alone ensures regular and rapid advancement in the higher stages of education.

The School consists of two Departments:—

- I. THE PREPARATORY DEPARTMENT—for boys from six to ten years of age. This section is conducted on the model of the Preparatory Schools in Edinburgh, which have done so much for elementary education in Scotland.
- II. THE SENIOR DEPARTMENT—for boys above ten years of age. In this section pupils are prepared for the Public Schools and the Universities, or for Commercial life.

The main features of the School are as follows:—

**Size of Classes.**—The number of pupils in each class is strictly limited. Thus each boy daily receives particular attention, while the classes are large enough to secure that wholesome emulation for want of which private tuition so often fails.

**Preparation of Lessons.**—Part of each day is occupied in the preparation of next day's lessons under a Master, since it is believed that genuine progress can be made only when pupils are systematically taught *how to learn*. The amount of home-work is thus lessened, what is too often an irksome task to boys becomes a real pleasure, and parents are saved much trouble, or the extra expense of providing a private tutor.

**Modern Languages.**—Much time is devoted to the study of Modern Languages.

**Examinations.**—Examinations are held at regular intervals, and these are conducted once a year by independent Examiners.

**Physical Exercise.**—The pupils, accompanied by a Master, may attend Captain Chiosso's Gymnasium for Drill and Gymnastics, or may take lessons in Swimming at the Baths, Queen's Road, Bayswater.

**Moral Training.**—In the routine of every class, Bible lessons occupy an important place, and the moral training of the pupils receives constant and unwearying attention from the Principal, whose aim is that the boys under his care shall acquire, not sound scholarship only, but also a sterling character and a gentlemanly bearing.

The Drawing Class is under the supervision of Mr. HARDIE's brother-in-law, JOHN PETTIE, Esq., R.A.

**Terms.**—Under Ten years of age—Yearly Boarders, 80 guineas per annum; Weekly Boarders, 70 gs. per ann.; Day Boarders, 40 gs. per ann.; Day Pupils, 25 gs. per ann. Above Ten years of age—Yearly Boarders, 90 gs. per ann.; Weekly Boarders, 80 gs. per ann.; Day Boarders, 45 gs. per ann.; Day Pupils, 30 gs. per ann. **Extras.**—Music, 2½ gs. or 4 gs. per term. Drawing, 2 gs. per term; German, Dancing, and Gymnastics, each, £1 11s. 6d. per term; Singing (in class), ½ guinea per term; Swimming (Course of Twelve Lessons), 1 guinea per term; Laundress, 5 gs. per ann.; Seat in Church, 1 guinea per ann.—An extra charge of ½ guinea per term is made in the case of Weekly Boarders for the use of bed and table linen. Day Pupils or Day Boarders may remain for tea and evening preparation at a further charge of 3 gs. per term.

**School Hours.**—9 a.m. to 12.30 p.m.; 2.30 p.m. to 4.30 p.m.

**Holidays.**—Saturday is a whole Holiday; Easter, two weeks; Summer, eight weeks; Christmas, three weeks. Special holiday arrangements are made for pupils whose parents reside abroad.

The school year is divided into three terms, the first ending about Easter, the second at the end of July, and the third at Christmas.

References to several of the leading Educationists of the day.

# RINGSLOW, WESTGATE-ON-SEA, KENT.

## W. THORNTON BULLOCK, M.A.

(Late exhibitioner of Lincoln College, Oxford ; Classical Honours in Moderations, and for eight years Assistant Master at Temple Grove, East Sheen), assisted by competent Masters, prepares boys for the Public Schools.

Resident French and German Masters.

The Terms are 100 guineas per annum, with entrance fee of five guineas. These terms include Board, Washing, and Instruction in Greek, Latin, French, English, Mathematics, History, Geography, and Drilling.

Eighty guineas for sons of clergy.

The only necessary extras are half-a-guinea terminally for medical attendance, three shillings and sixpence for church sitting, and the cost of school books.

Instrumental Music, German, Drawing, and Dancing are optional subjects, for each of which a charge of £2 2s. per term is made.

There is a workshop where a limited number of boys can be taught carpentry, The charge, which includes the use of necessary tools, is half-a-guinea per term.

Boys are admitted at the age of seven, if they can read and write fairly well. Every boy who has been previously to school, must bring with him a certificate of good moral character.

No boy may remain after 14½ years of age.

The dormitories are divided into separate cubicles, or sleeping apartments for each boy; and each dormitory has a matron's and a bath room attached.

A large gravel playground, with asphalte lawn-tennis court, adjoins the School House, and there is a cricket ground opposite.

There is excellent safe sea-bathing, and all boys can be taught swimming.

A Library is provided, and it is requested that boys bring no story books with them, except such as are given to them by their parents.

There is a separate sick-house in case of necessity.

A monthly report is sent home of each boy's progress, work, and conduct.

The year is divided into three terms, viz., from January to Easter, from Easter to July, and from September to Christmas.

There is a vacation of three weeks at Easter, seven weeks in the Summer, and five weeks at Christmas. The Summer vacation commences on the last Tuesday in July.

Mr. Bullock takes the boys to London on the last day of term, and meets them in London on their return to School after the holidays.

A term's notice or payment is required before the removal of any boy.

Communications respecting clothes or health may be addressed to Mrs. Bullock.

Scholarships gained between September, 1882, and September, 1883, at Wellington, Winchester, and St. Paul's.



Præmia Merentibus Dentur.

## ❖ RAMSEY ÷ GRAMMAR ÷ SCHOOL. ❖ ISLE OF MAN.

TRUSTEES.—The Right Rev. Lord Bishop of Sodor and Man; the Incumbent of Ramsey, the High-Bailiff of Ramsey; James Murray Cruickshank, Esq.; J. W. Wood, M.R.C.S., and L.R.C.P.E.; Mr. W. Laughlin; Mr. T. Teare.

HEAD MASTER: T. R. KNEALE, B.A., late Exhibitioner of Emmanuel College, Cambridge, and Assistant-Master at the Royal Medical College, Surrey.

Ramsey is beautifully situated in the North of the Isle of Man; it is exceedingly healthy, and well supplied with pure water. From the healthiness of the locality, and its proximity to the sea, it is a most desirable place to send boys. The Climate of Ramsey in winter, as well as during the rest of the year, is especially suitable for children, while the sanitary arrangements of the school have been pronounced by eminent authorities perfect. The Headmaster is provided with an excellent house close to the sea, where every care is taken that Boarders will be comfortable. Abundant provision is made for out-door exercise.

COURSE OF EDUCATION.—The School is divided into Three Classes. The subjects taught are—Latin, Euclid, Algebra, Arithmetic, Mensuration, Land Surveying, Book-keeping, and all branches of an English Education.

SCHOLARSHIPS AND PRIZES.—An open Scholarship of £10, tenable at King William's College or at any large Public School, will be awarded after the Midsummer Examination. A Scholarship for natives, or the sons of *bonâ fide* residents of the Isle of Man, tenable at the School itself, will be awarded to the head boy in Mathematics, and secures him a Free Education for the ensuing school year. A Prize in Books, value Two Guineas, will be awarded at the Midsummer Examination for an English Essay and the best knowledge of a period of English History. Scholarships value £10 each are given by the Trustees of King William's College, to be competed for by pupils of the Insular Grammar Schools.

SCHOOL FEES.—Boys over 12 years, £1 7s. 6d. per quarter; boys under 12 years, £1 2s. 6d. per quarter. Extras—French and Greek, each, 10s. per quarter; Drawing, 5s. od. per quarter. Boarders (including school fees)—Boys over 12 years, 40 guineas per annum; boys under 12 years, 35 guineas per annum; Weekly Boarders, 30 guineas per annum.

Quarter Days—March 25th, June 12th, September 29th, and December 25th.

Vacations—Midsummer, Six Weeks; Christmas, Three Weeks; Easter, One week.

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## THE REV. J. JENKINS,

*Vicar of Blakesley, near Worcester, Northamptonshire,*

Receives into his house a limited number of private Pupils to prepare for the Public Schools, etc.

The Vicarage is large and pleasantly situated in a remarkably healthy country parish. The course of Instruction includes the Holy Scriptures, Reading, Writing, English Composition, Arithmetic, Geography, History, the Latin and Greek Classics, Mathematics, French, and Drawing.

The year is divided into three Terms. The Fees, payable at the commencement of each term, are from seventy to ninety guineas a year, inclusive of all charges except clothing, travelling, and medical attendance.

There are fields for cricket, football, and lawn tennis, and ponies are kept.

The household arrangements are under the superintendence of Mrs. Jenkins. The pupils are treated as members of the family, and every attention is paid to their comfort and happiness.

## KIBWORTH GRAMMAR SCHOOL, LEICESTERSHIRE.

*Chairman of the Governors: SIR ARTHUR GRAY HAZLERIGG, BART.*

*Head Master: THE REV. DENNIS J. J. BARNARD, M.A., LL.M.,*

Late Scholar of Trinity Hall, Cambridge; Second Class Classical Tripos, 1871; Formerly, for five years, Second Master of the Royal Grammar School, Lancaster.

KIBWORTH is a most healthy village, noted for its bracing air. The School stands on a gravel soil, and there are good Playgrounds and Cricket Field.

Boys from eight years old prepared for the University Local, Preliminary Professional Examinations, Mercantile Pursuits, etc. The Course of Instruction includes English, Latin, French, History, Geography, Mathematics, Drawing, and Vocal Music. Greek, Science, etc., are also taught at a small extra charge.

The School Year is divided into three Terms of about thirteen weeks each.

EXHIBITIONS, tenable at the School, are competed for annually. There are also leaving Scholarships of £15 each per annum, tenable for three years.

**Tuition Fees, £6 to £10; Charge for Boarding, £40.**

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*Prospectus, Examiners' Reports, etc., on application.*

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*For Terms, etc., apply to Dr. N. HEINEMANN, 80, Upper Gloucester Place, Portman Square, London.*

# THANET COLLEGE, MARGATE.

~~~~~  
ESTABLISHED IN 1808.
~~~~~

PRINCIPALS :—MESSRS. WILLIAM LEETHAM AND WILLIAM M. SMITH, B.A.

MATHEMATICAL TUTOR :—MR. G. N. HOOKER, B.A.  
(*Mathematical Honours, Camb.*).

ASSISTANT MASTERS :—MR. HENRY WALTER, Mus. Bac., *Queen's College, Oxford*; MR. J. L. VEITCH, A.C.P.; MR. ARCHER (*Lond. Univ.*); etc., etc.

---

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## THANET LODGE PREPARATORY SCHOOL.

IN CONNEXION WITH THANET COLLEGE.

HEAD MISTRESS :—MISS HODGES.

Assisted by an Efficient Staff of Lady Teachers.

**THANET COLLEGE** is delightfully situated on an eminence on the road to St. Peter's, near Draper's Mills, at a short distance from the town. It is surrounded by a fine and open country, and its grounds and premises for the recreation of the students are upwards of six acres in extent. The school has three Cricket Fields, large open and covered Play Grounds, Bowling Green, Lawn Tennis Court, Gymnasium, Racket Court, Swimming Bath, Laboratory, Turning Room, Carpenter's Shop, etc.

All the boys bathe in the sea during the summer months, and during the winter season in the Swimming Bath, which is heated to summer temperature; thus every facility is afforded to pupils of acquiring the useful art of swimming.

The Chemical and Science Laboratory is placed under the charge of an experienced Science Teacher, and a competent Instructor in Carpentry attends to give lessons in the Carpenter's Shop and Lathe Room.

**THANET LODGE** is situated a short distance from Thanet College. It is well adapted to the purpose for which it was designed, and it possesses extensive grounds, Cricket Field, Racket Court, and Play Ground.

The pupils enjoy the same advantages as those of the Upper School; they have the use of the large Swimming Bath, and once a week they engage in outdoor games with the Upper School boys. They are invited to Lectures and Entertainments at the College, and they then form the acquaintance of those who in many cases become their future schoolfellows.

During the principalship of the late Mr. CHAS. LEO. NUTTER, M.A., the Lodge was renovated and enlarged, under the care of an eminent architect.

There are three School Terms in the year, beginning respectively about the end of January, the beginning of May, and the middle of September, the Vacations being month at Christmas, a fortnight in the Spring, and seven weeks in the Autumn.

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*Further Particulars as to Payments, etc., may be learnt on Application.*

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# THE Oxford Military College, COWLEY, NEAR OXFORD,

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The Right Rev. the LORD BISHOP OF LIVERPOOL.  
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J. C. WOOLLACOTT, Esq., Hon. Member.

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can be accommodated, the best possible preparation for competitive and other examinations, especially  
for Woolwich, Sandhurst, for Home and Indian Civil Service, Matriculation at the Universities, etc., or  
to give a good general education.

The system adopted aims at the development, in individuals, of those branches of learning for which  
they may happen to have an aptitude, and which will be useful in their intended career.

Systematic instruction is given for about one hour daily in military riding, sword and lance exercise,  
infantry drill, swimming, and gymnastics. A *manège*, swimming bath, and gymnasium form part of the  
institution. Uniform is worn.

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Several valuable Scholarships are annually awarded. To encourage students to seek a high standard  
the Council return one year's fees to every candidate whose name appears among the first five on the  
list of successful candidates for Woolwich or Sandhurst, and one term's fees to those candidates whose  
names appear among the first ten. Three swords and a number of valuable prizes are given annually.

## SCALE OF FEES.

|                                                                                        | £   | s. | d. |
|----------------------------------------------------------------------------------------|-----|----|----|
| Students 17 years of age and over, whether they take the full military course or not.. | 105 | 0  | 0  |
| Students between the ages of 13 and 17, taking the full military course .. ..          | 105 | 0  | 0  |
| Students between the ages of 13 and 17, not taking the full military course .. ..      | 94  | 10 | 0  |
| Students between the ages of 10 and 13 .. ..                                           | 84  | 0  | 0  |

Holders of 20 Shares are entitled to nominate a student, and if such nomination is used in favour  
of a relative, the reduction on the fee is £21 per annum on the first three amounts and £10 10s. on the  
last. If the nomination is used in favor of others than relatives, the reduction is £10 10s. per annum.  
Holders of 20 Debentures are entitled to nominate a student at a reduction of £10 10s. on the fees all  
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|----------------------------------------------|---------|-------------|
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He takes under his special control the entire Mathematics, Geometrical Drawing, History, and Preliminary Subjects, and gives assistance in Latin, French, and English Literature.

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#### REFERENCES.

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Major-General Sir H. E. Wood, V.C., G.C.M.G., K.C.B.

Colonel W. Goodenough, C.B., Royal Artillery, Dover.

Colonel the Hon. P. Methuen, C.B., Scots Guards, Assistant Adjutant General, Horse Guards, London.

Colonel R. Lane, Rifle Brigade, Assist. Mil. Secretary, Halifax.

Lieut.-Colonel C. I. Hubbard, Grenadier Guards, Guards' Club.

G. T. Galbraith, Esq., M.D., Dep. Inspector General of Hospitals, Southfield, Stirling, N.B.

Sir J. Williams Drummond, Bart., Grenadier Guards, Guards' Club, London.

Captain F. Smith, The Buffs, Dublin.

F. W. Romilly, Esq., Scots Guards, Guards' Club, London.

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*Extract from "Broad Arrow," Dec. 4th, 1880, referring to Mr. Jarman.*

"His success is, we think, well shown by the fact that at the last Examination he sent up ten candidates and passed them all, while during the whole of the last ten years he has only to record the failure of two Militia Candidates prepared under his guidance."

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Sir PHILIP CUNLIFFE OWEN, K.C.M.G., C.B., C.I.E., Director of the South Kensington Museum, 2, The Residences.

R. STRACHEY, Esq., Ashwick Grove, Oakhill, Bath.

Dr. BAGNELL, 15, Rue Bayard, Pau.

*N.B.—Mr. Thompson possesses the official recognition and authority of the Minister of Public Instruction of the French Republic.*

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## 14, Tolkowitzer Str., Blasewitz,

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|--------------------------------------------------|------|
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| „ above 16 „ „ .....                             | 25   |
| Monthly Pupils .....                             | 10   |

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### REFERENCES.

- D. Bradwell, Esq., Ashfield House, Feltham, Middlesex.  
 The Hon. Hew H. Dalrymple, Oxenfoord Castle, Dalkeith.  
 Dr. W. E. Evans, 12, Queen's Road, Twickenham.  
 Mrs. W. D. Fisher, 32, Cambridge Square, Hyde Park, London.  
 Rev. G. Gaisford, M.A., Levant Rectory, Chichester.  
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 Capt. Hudson, R.N., Gurnard, Cowes, Isle of Wight.  
 Rev. J. J. Overbeck, D.D. (late Staff College, Sandhurst), 16, Girdler's Road,  
 West Kensington Park.  
 Rev. N. G. Pilkington, M.A., Bedfont Vicarage, Feltham, Middlesex.  
 General Pond, Bengal Staff Corps, Larkfield, Hampton Hill, Middlesex.  
 S. H. Winter, Esq., Wilton House, Vicarage Park, Plumstead, S.E.  
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Dr. GOERGENS,

LAUSANNE.

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## SELECTION FROM LIST OF HONOURS GAINED SINCE AUGUST, 1876.

## SANDHURST.

|                                                                        |            |
|------------------------------------------------------------------------|------------|
| Mr. W. Kitchener, 18th Place, 3rd in English                           | Aug., 1876 |
| Mr. J. H. Poett, 32nd Place                                            | Aug., 1876 |
| Mr. E. D. Brath, 49th Place                                            | Aug., 1876 |
| Mr. D. Gordon, Indian Cadetship                                        | Aug., 1876 |
| Mr. Graves, Militia Candidate                                          | Oct., 1876 |
| Mr. Threshie, Militia Candidate                                        | Oct., 1876 |
| Mr. Angelo, 3rd in Math., 9th Place                                    | Jan., 1877 |
| Mr. Rivington, 22nd Place                                              | Jan., 1877 |
| Mr. Stisted, 18th Place, 2nd in Math.                                  | Aug., 1877 |
| Mr. Norcott                                                            | Aug., 1878 |
| Mr. Peyton                                                             | Aug., 1879 |
| Mr. Dunsford, Indian Cadetship                                         | Dec., 1879 |
| Mr. Gilpin, 6th in Mathematics                                         | Dec., 1879 |
| Mr. Graves, 9th in Mathematics                                         | Dec., 1879 |
| Mr. Wimbale, Militia Candidate, 3rd in French, 162 Cand.               | April 1880 |
| Mr. Jermyn, 12th Place, 5104 marks, 1st in Mathematics, 600 Candidates | Aug., 1880 |
| Mr. Blakeney, 28th, 4696 marks                                         |            |
| Mr. Le Bailly, 61st, 4215 marks, 6th in French.                        | Dec., 1880 |

## ROYAL MILITARY ACADEMY, WOOLWICH.

|                                     |            |
|-------------------------------------|------------|
| Mr. Mercer, 33rd Place              | Aug., 1878 |
| Mr. G. McLaughlin, 31st Place       | Aug., 1876 |
| Mr. Close, 4761 marks, 3rd in Math. | Aug., 187  |

During the years 1880, 1881, 1882, the following of Mr. CARDWELL's pupils have been successful in public examinations—viz., Six Sandhurst entrance examination, One being 1st in Mathematics, and nearly all taking high places in French and German; Twenty-two Army preliminary; Nine Literary examination for Militia candidates; One Wrangler (30), Cambridge; One second class Classics, Cambridge; Five Scholarships or Exhibitions, Cambridge; One ditto, Oxford; Seven Cambridge Local Examination, three taking honours; Three Cambridge previous examination; Four Royal College of Surgeons; One Lieut. for Royal Navy; Five College of Preceptors; and Four others various examinations.

## REFERENCES.

The Rt. Hon. A. J. Mundella, M.P., Vice-President of the Council of Education; the Lord Bishop of Sodor and Man; Lieut.-Gen. Lothian Nicholson, C.B., R.E., late Lieut.-Gov. of Jersey; Lieut.-Gen. Sir W. S. Norcott, K.C.B., St. Leonard's-on-Sea, late Lieut.-Gov. of Jersey; Sir John Brown, J.P., D.L., Endcliffe Hall, Sheffield; F. T. Mappin, Esq., M.P., Thornbury, Sheffield; the Viscountess de Fleury, Jersey; Maj.-Gen. Sherer, Jersey; etc., etc.

TERMS MODERATE.

|                                      |            |
|--------------------------------------|------------|
| Mr. Cumings, 26th Place              | Jan., 1878 |
| Mr. Wrigate, 17th Place, 2nd in Eng. | Dec., 1878 |
| Mr. Balfour                          | Aug., 1879 |
| Mr. Montgomery                       | April 1879 |

## ROYAL COLLEGE OF SURGEONS.

14 successful Candidates.

## ARMY PRELIMINARY.

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## ROYAL MARINES.

|                 |            |
|-----------------|------------|
| Mr. Abercrombie | Jan., 1878 |
|-----------------|------------|

## NAVY.

|                                           |      |
|-------------------------------------------|------|
| Mr. Smith, Naval Cadet, 10th Place        | 1878 |
| Mr. Boyer, Clerk's Asst., R.V., 2nd Place | 1878 |

## UNIVERSITY OF CAMBRIDGE.

|                                                |            |
|------------------------------------------------|------------|
| Mr. De Gruchy, 6th Senior Optime. Math. Tripos | Jan., 1876 |
| Mr. C. Nicolle, Junior Optime. Math. Tripos    | Jan., 1876 |

## TRINITY COLLEGE, DUBLIN.

|                                                |  |
|------------------------------------------------|--|
| Mr. Bennett, 20th Place. Public Matriculation. |  |
|------------------------------------------------|--|

## MARLBOROUGH COLLEGE.

|           |                         |
|-----------|-------------------------|
| Mr. Orger | Foundation Scholarship. |
|-----------|-------------------------|

## WELLINGTON COLLEGE.

|                        |      |
|------------------------|------|
| Mr. Simmons, 1st Place | 1881 |
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The **PADDINGTON BATHS GYMNASIUM**, Queen's Road, Bayswater, W.

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The Gymnasium of the **NORTH LONDON COLLEGIATE SCHOOL FOR GIRLS**, Sandall Road, Camden Road, N.W.

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**FENCING CLASS**, Wednesday evenings, from 8 to 10 o'clock, under First Class Teacher of Fencing.

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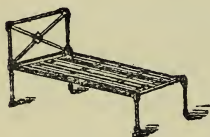


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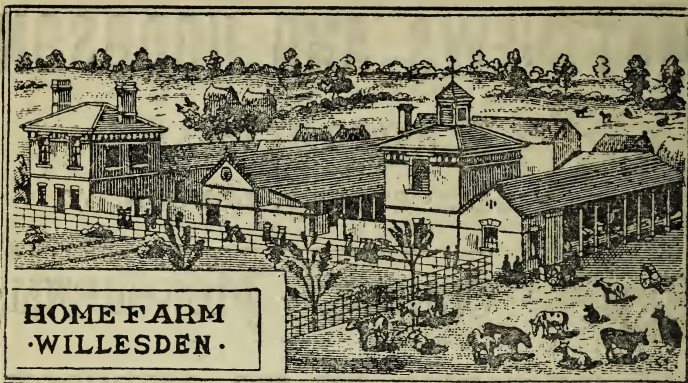
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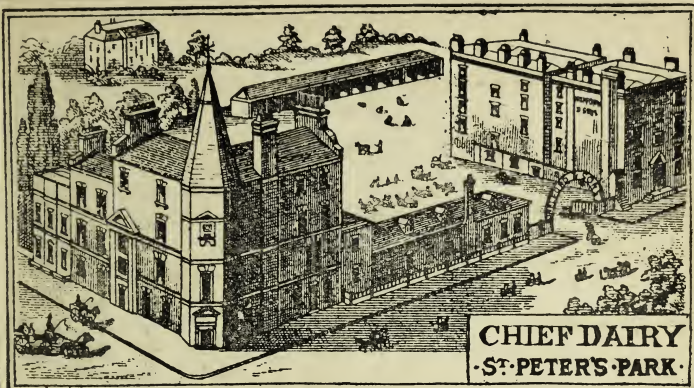
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